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1880

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Wood

"Prove all things; hold fast that which is good."

BOULT'S

CARVING, PANELING, MOULDING



Dovetailing Machine,

For Shaping, Edge Moulding, Surface Moulding, Moulding Scroll
or Fret Work, Paneling, Dovetailing, etc.



ALSO,

BOULT'S

Dimension

SAW



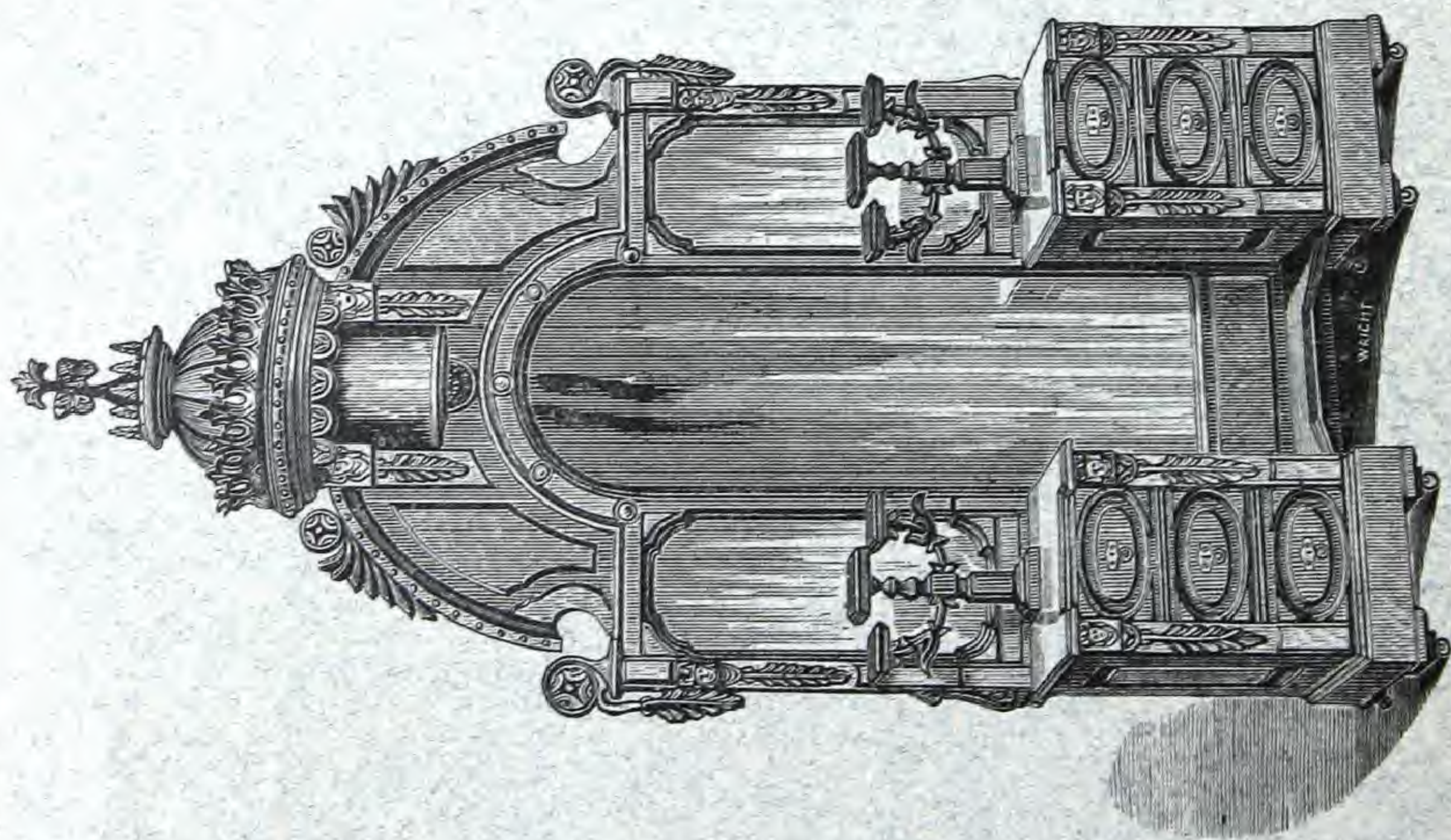
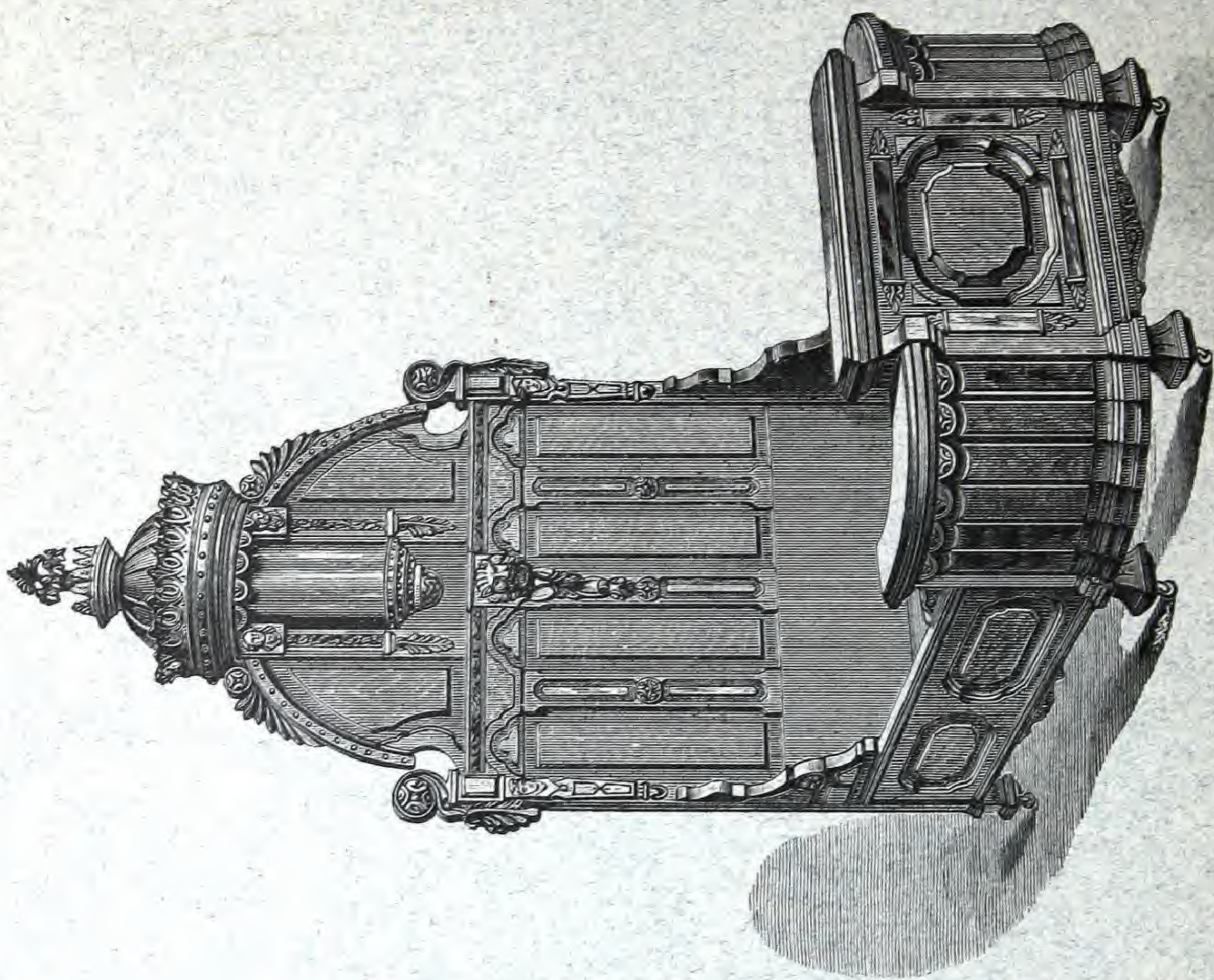
Battle Creek Machinery Company,

SOLE MANUFACTURERS,

BATTLE CREEK, MICHIGAN.

REVIEW & HERALD STEAM BOOK AND JOB PRINT, BATTLE CREEK, MICH.

Now on Exhibition at Machinery Hall, Location B 8 55.



SAMPLE OF WORK DONE ON BOULT'S CARVER BY J. S. BENNETT & CO., SAN JOSE, CALIFORNIA.

BOULT'S PATENT

Carving, Paneling, Moulding,

AND

DOVETAILING MACHINE,

FOR THE MANUFACTURE OF

Furniture, Carriages, Cars, Pianos, Organs, Churches, Dwellings, Stairs, Desks, Coffins, Churns, Chairs, Washing Machines, Cigar Moulds, Brushes, and all other kinds of wood work.

WE respectfully call attention to Boult's Patent Carving, Moulding, Paneling and Dovetailing Machine, herein illustrated and described, which we claim, in all respects, to be the simplest, most useful, and cheapest Machine ever produced for general wood work.

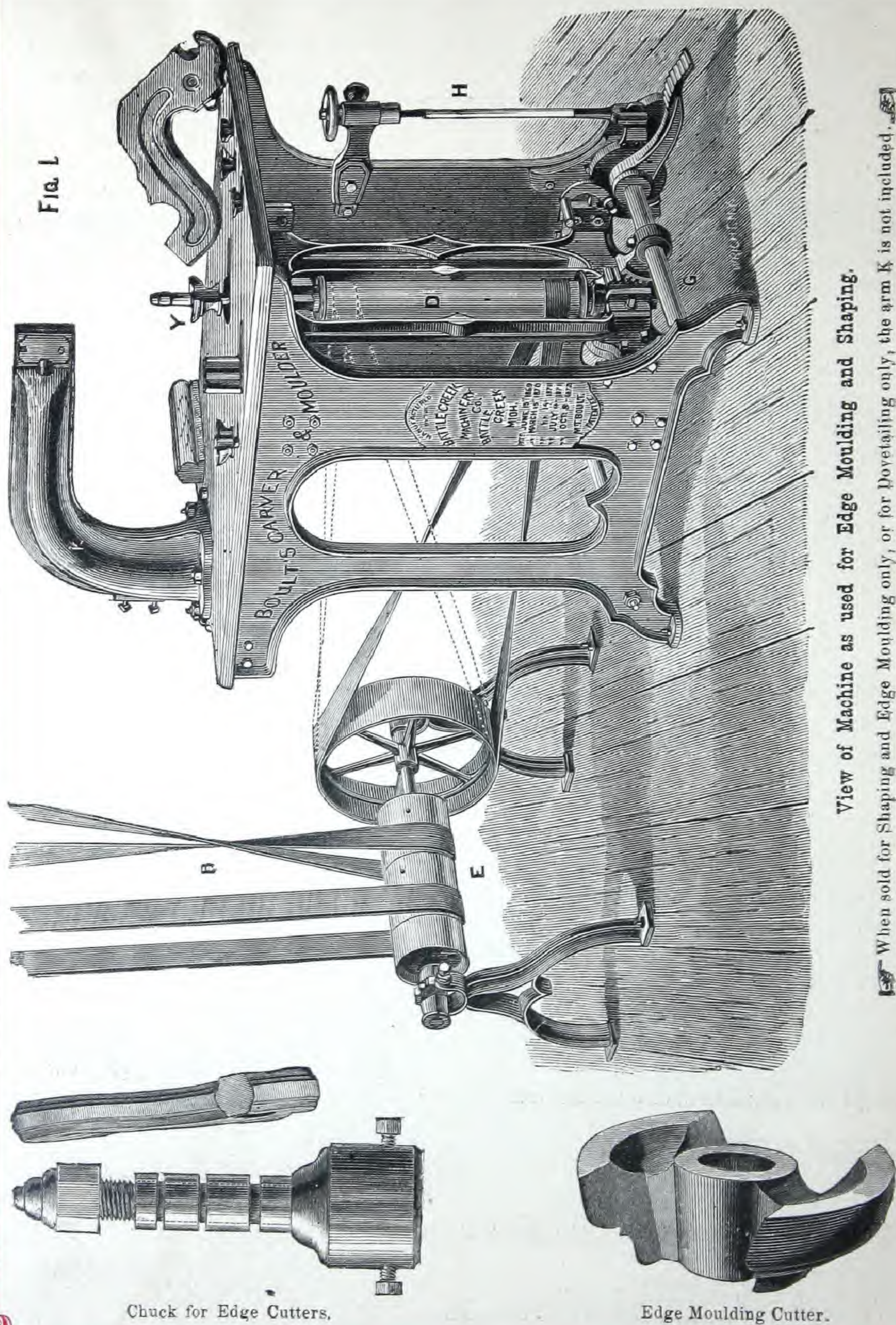
In the choice of machinery it is an object to select that best adapted to the work to be done. Good facilities combined with good management are necessary to success. Experience demands that a machine, to be profitable, must not be liable to get out of order; must be simple, durable, and adapted to the work required of it.

The standard machinery of the day being found inadequate to do all deemed necessary in the adornment of the present styles of work, the inventor has brought out a machine, which, we are happy to say, is being appreciated by competent mechanics, and deemed by them *thoroughly practical* in the general business, and *equally well adapted* to all kinds of work heretofore done only by hand. The following pages will explain the varied uses of our machine.

SIMPLICITY OF BOULT'S MACHINE.

It has often been offered as an objection that machines adapted to an extended variety of work must be more or less complicated—the changes difficult and tedious, and the adjustment troublesome.

A long acquaintance with machinery has given practical suggestions on this point. The consequence is, an arrangement so simple that *not five minutes' time* or the *re-*



removal of more than a single bolt is necessary to effect the most radical change on this machine. The operator is surprised at the amount and variety of work he is able to accomplish, with so little change of the parts. In short, the machine is particularly recommended for its general application to business, and *freedom from traps and useless appendages*.

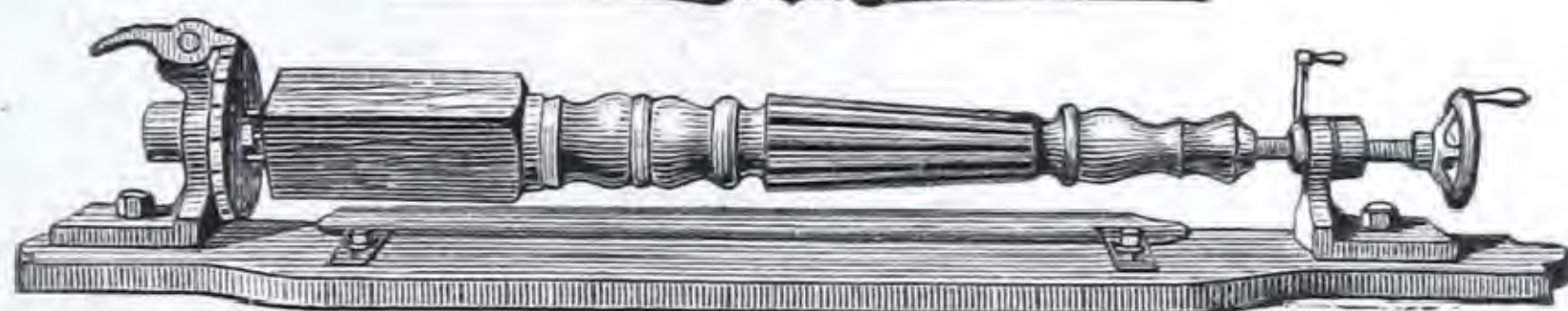
Having been extensively introduced into the best establishments on this continent, from Quebec to Texas and to California; while several have also been sold in Europe and South America—and its value having at all times been warmly attested, there remains but one conclusion: that IT HAS NO PARALLEL AS A HIGHLY EFFICIENT AND USEFUL MACHINE.

We have very many diplomas and Silver Medals awarded us by the leading expositions of the Country, and in 1874 we were awarded a *Gold Medal* in Boston.

BOULT'S SHAPER AND EDGE MOULDING MACHINE.

The Machine shown on opposite page does all heretofore done by that indispensable machine, the Variety Moulder, working all varieties of mouldings upon the edge of the lumber, regular or irregular, and is constructed to use solid cutters or open knives, as the work demands, by the use of chucks made for each kind of knives.

The solid cutters will work when revolving to right or left, by the use of the reverse motion provided for in the counter-shaft and pulleys, thereby obviating the necessity of two spindles and heads.



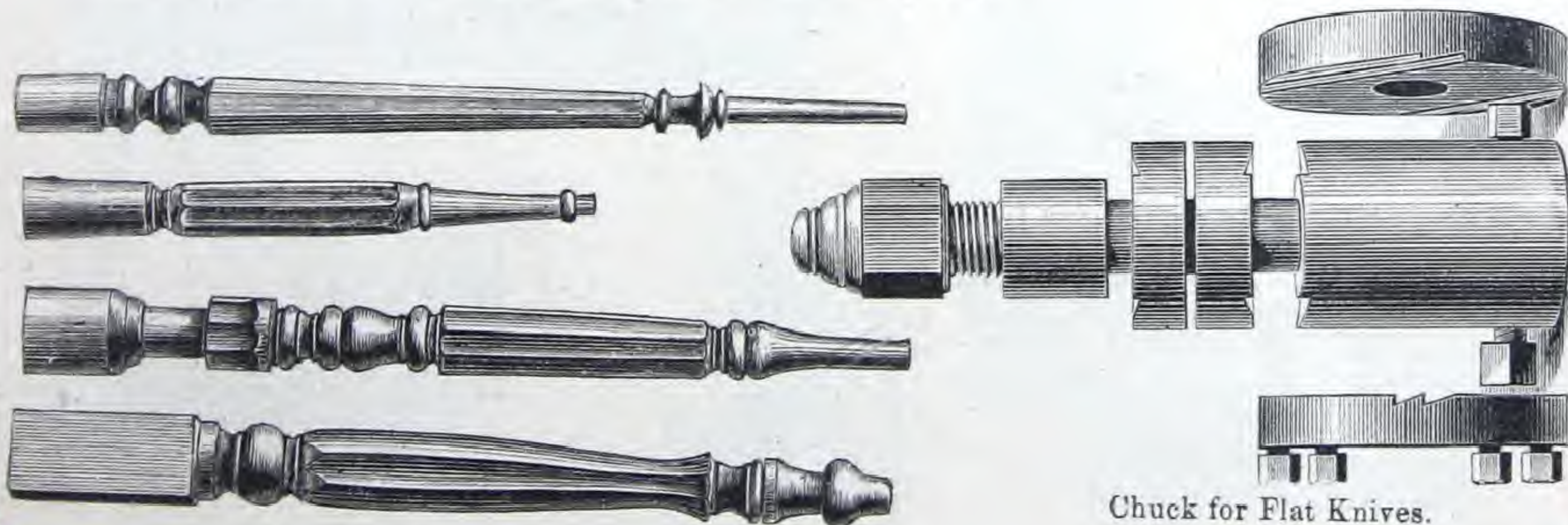
Boulton's Fluting Attachment.

The above cut represents a very simple and efficient arrangement for holding Table Legs, Balusters, &c., for straight fluting on the Single or Double Spindle Shaper.

This little machine supplies a want long felt by the Furniture Manufacturers. It answers every purpose of a more expensive machine, and can be afforded by every person having an upright Shaper.

Manufactured by the Battle Creek Machinery Co.

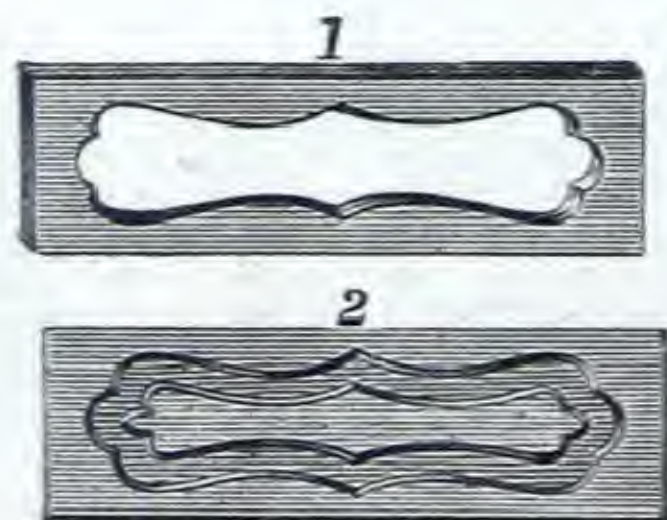
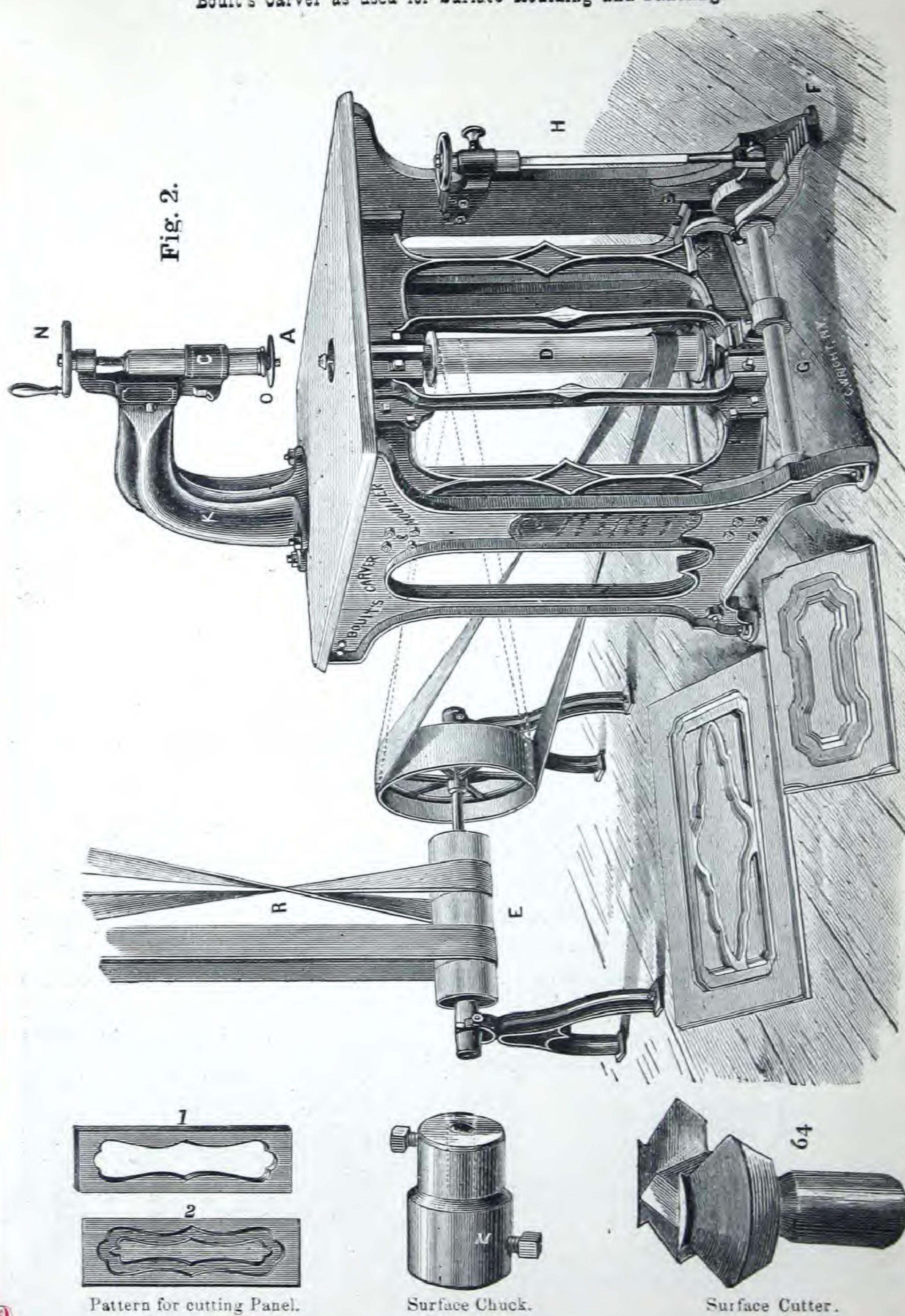
Price, \$25.00



Chuck for Flat Knives.

Boult's Carver as used for Surface Moulding and Paneling.

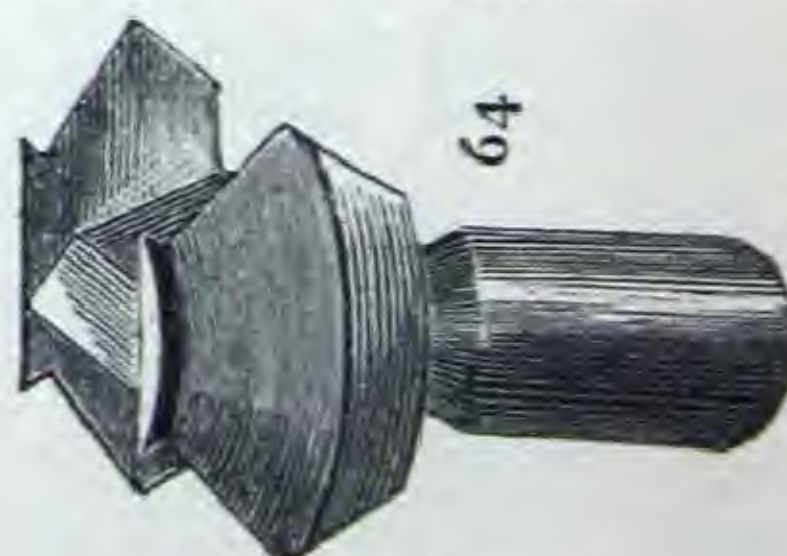
Fig. 2.



Pattern for cutting Panel.



Surface Chuck.

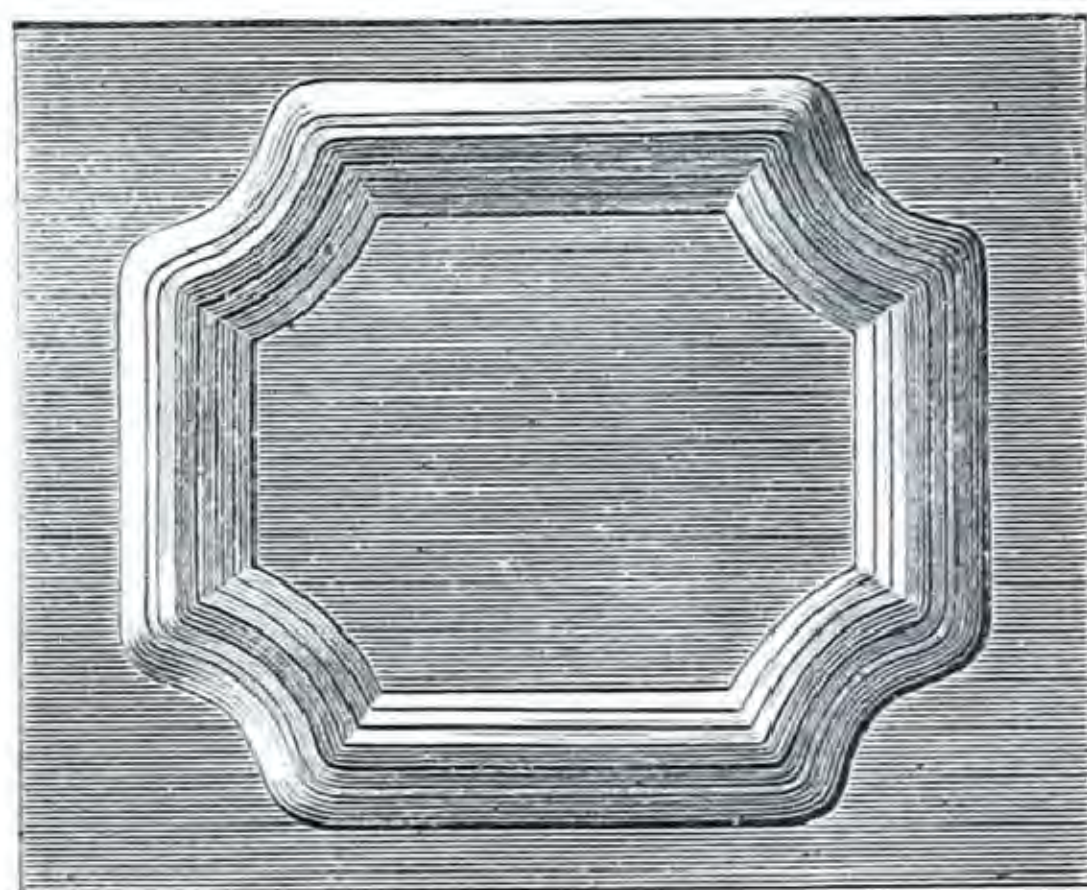


Surface Cutter.

Carving, Paneling and Grooving are quickly and perfectly formed and moulded to any design upon the surface of wood, for which a pattern or form may be provided, for ornamenting cars, fences, furniture, organs, buildings, carriages, coffins, newel posts and pew ends; also for cutting plain grooves, dados, etc., mortising and cutting dovetail dados for joining work together, and for all work necessary to be done on the surface of lumber, in regular or irregular lines. The operator having at all times full control, is able to do all he wishes in a quick and perfect manner.

By making all ornaments in the solid wood, many glue joints are saved, also a large percentage of time and material, and at the same time giving a better job. *Thirty-three per cent. less lumber is required* to effect the same appearance than by the old method of *planting on*, also six operations, viz: re-sawing, preparing the material, marking out, jig-sawing, moulding, and planting on, either process requiring more time than it takes to make a *better job* by using the facilities afforded by Boulton's Machine. Every one is aware that work done in solid wood cannot come to pieces by hard usage or exposure to damp and heat.

Specimens of work Done on Boulton's Moulding Machine.

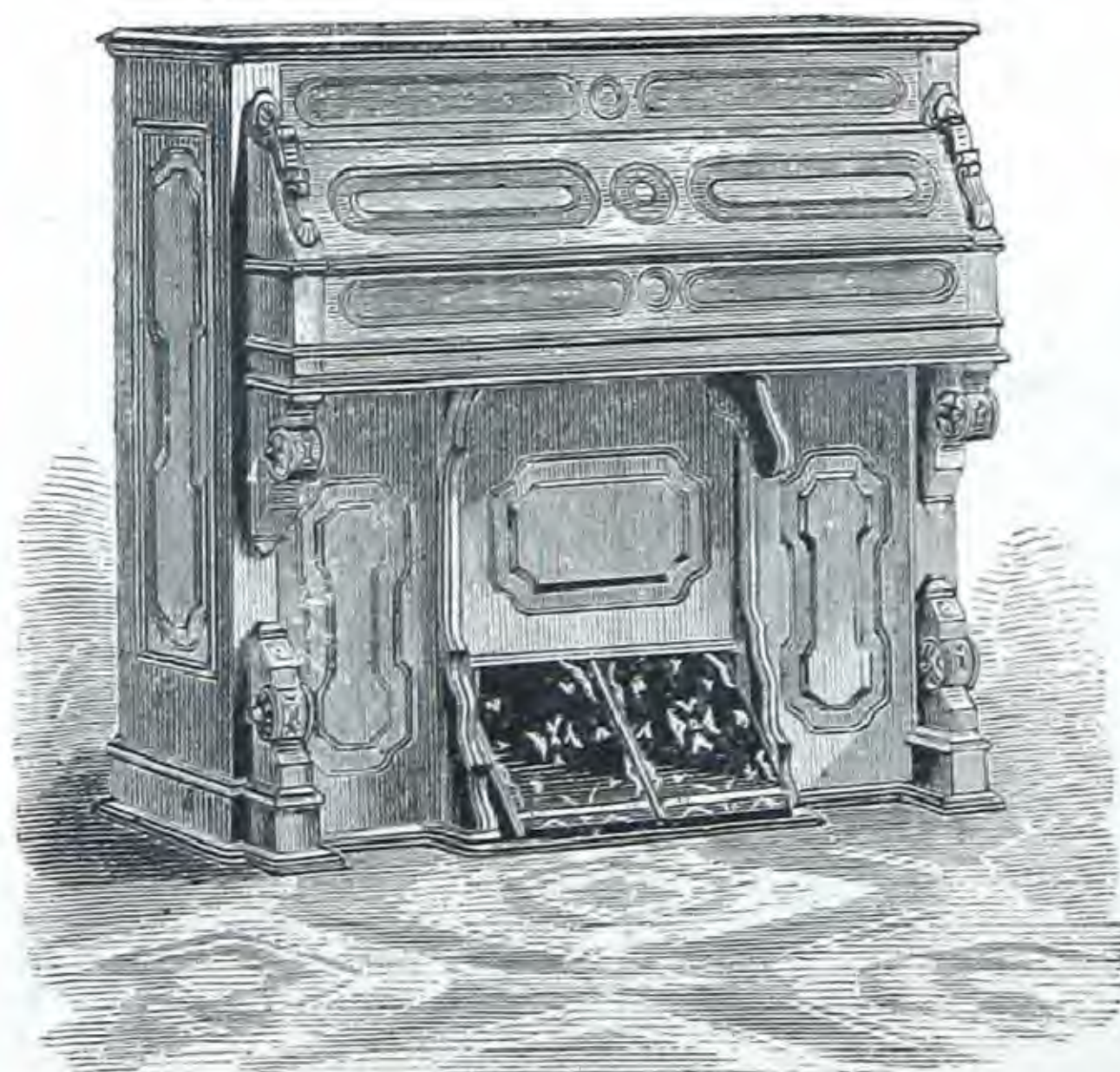
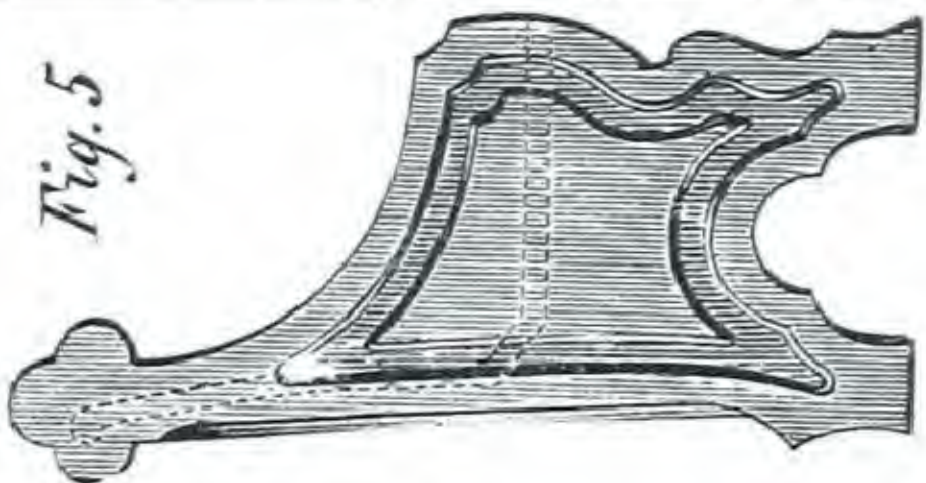
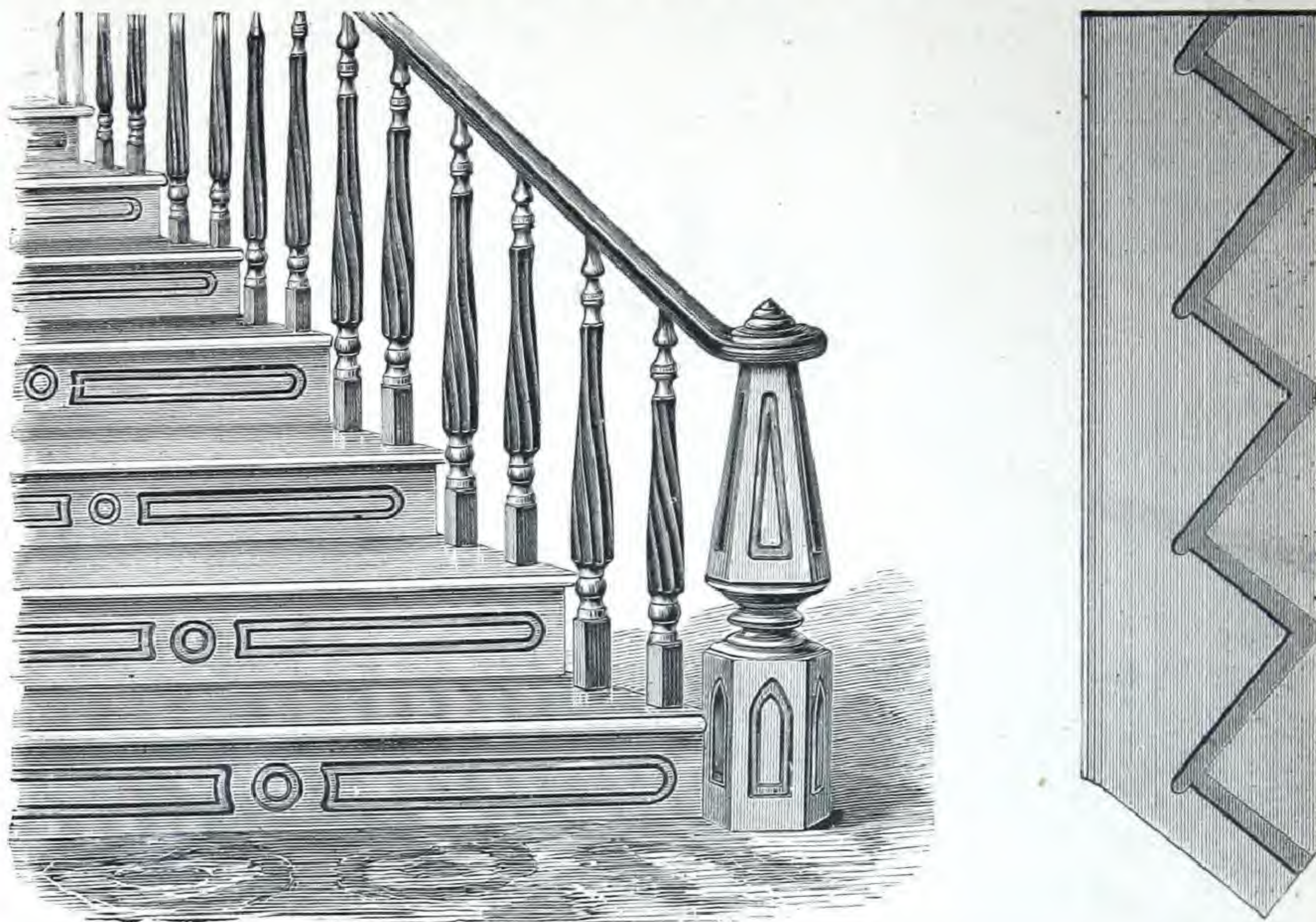


Made by Thayer & Tobey Furniture Co., Chicago.

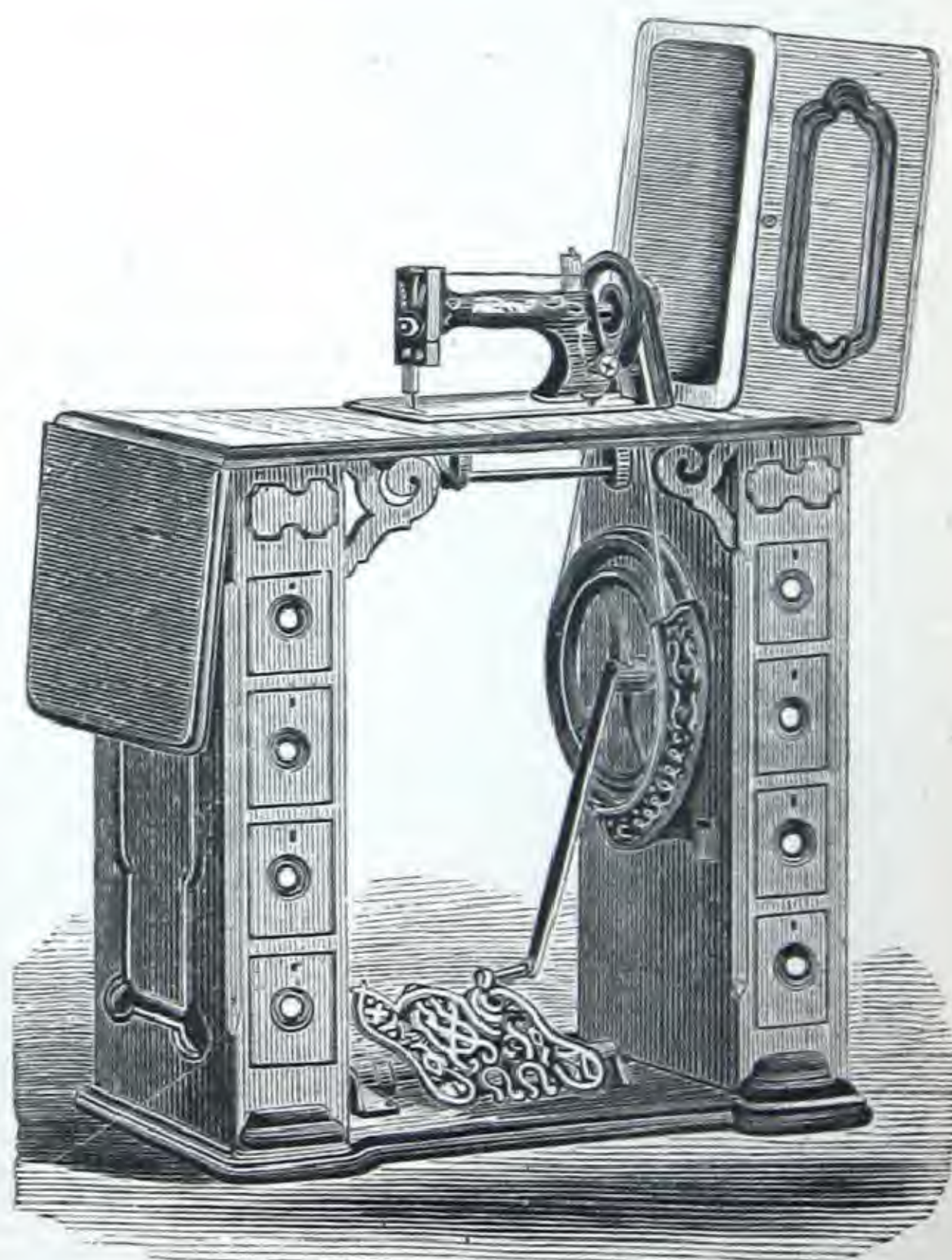


Made by H. B. Mudge, Cincinnati, Ohio.

SPECIMENS OF WORK DONE ON BOULT'S MOULDING MACHINE.

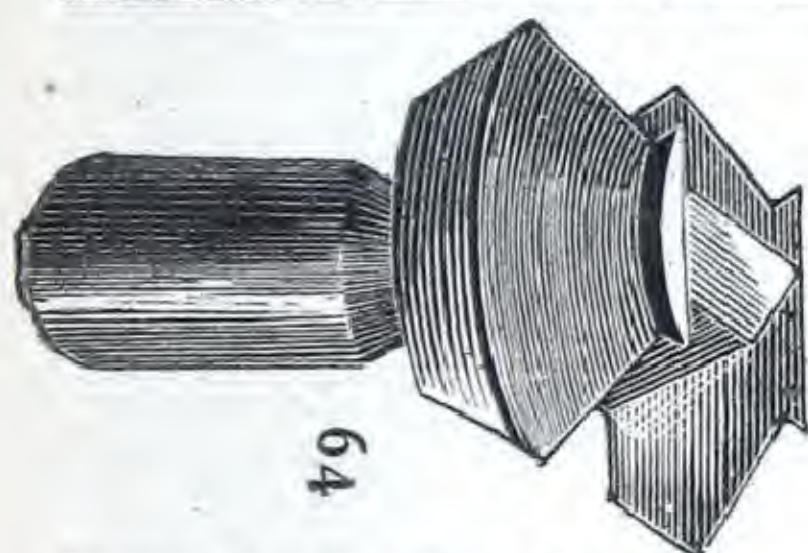
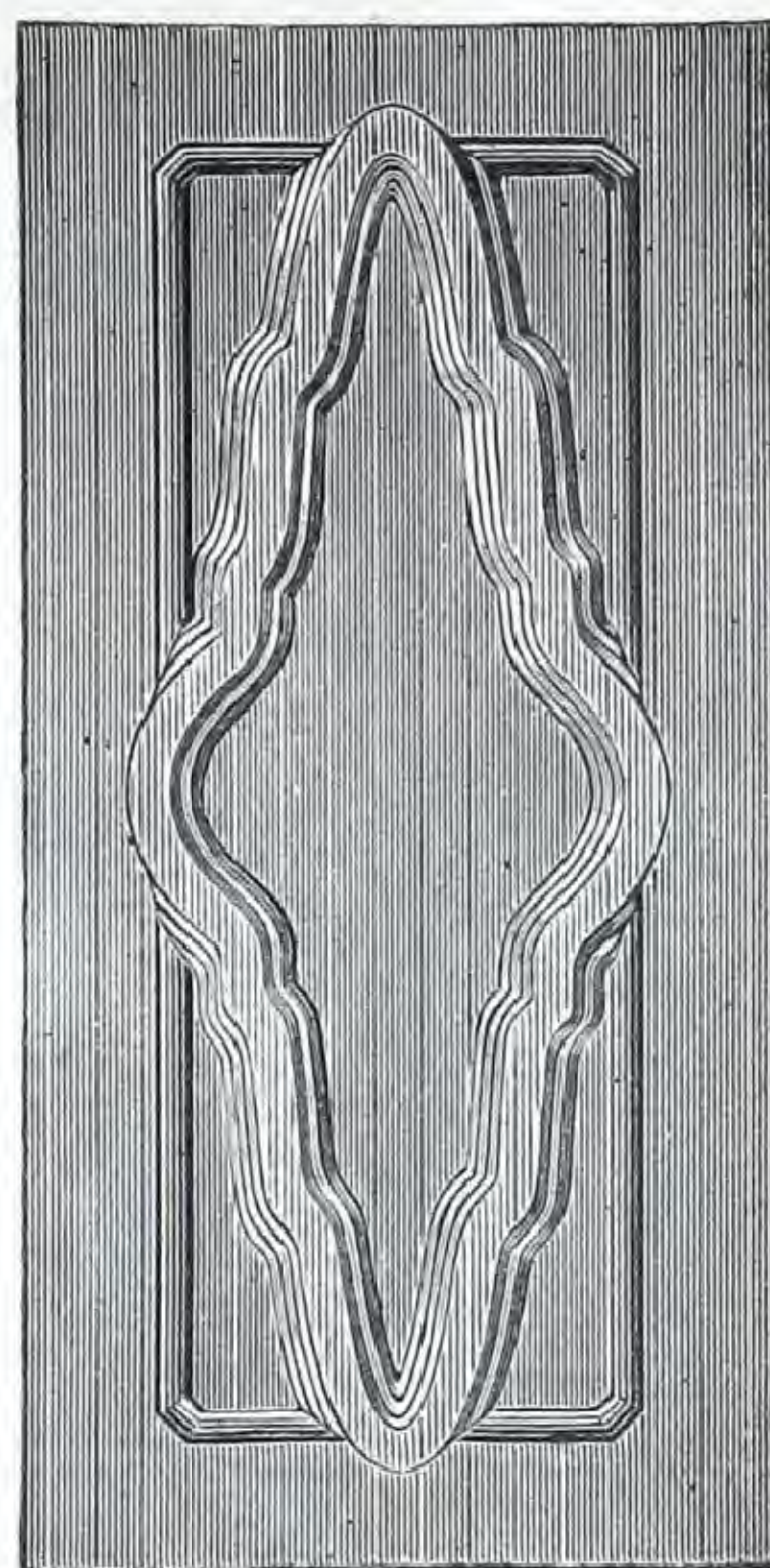
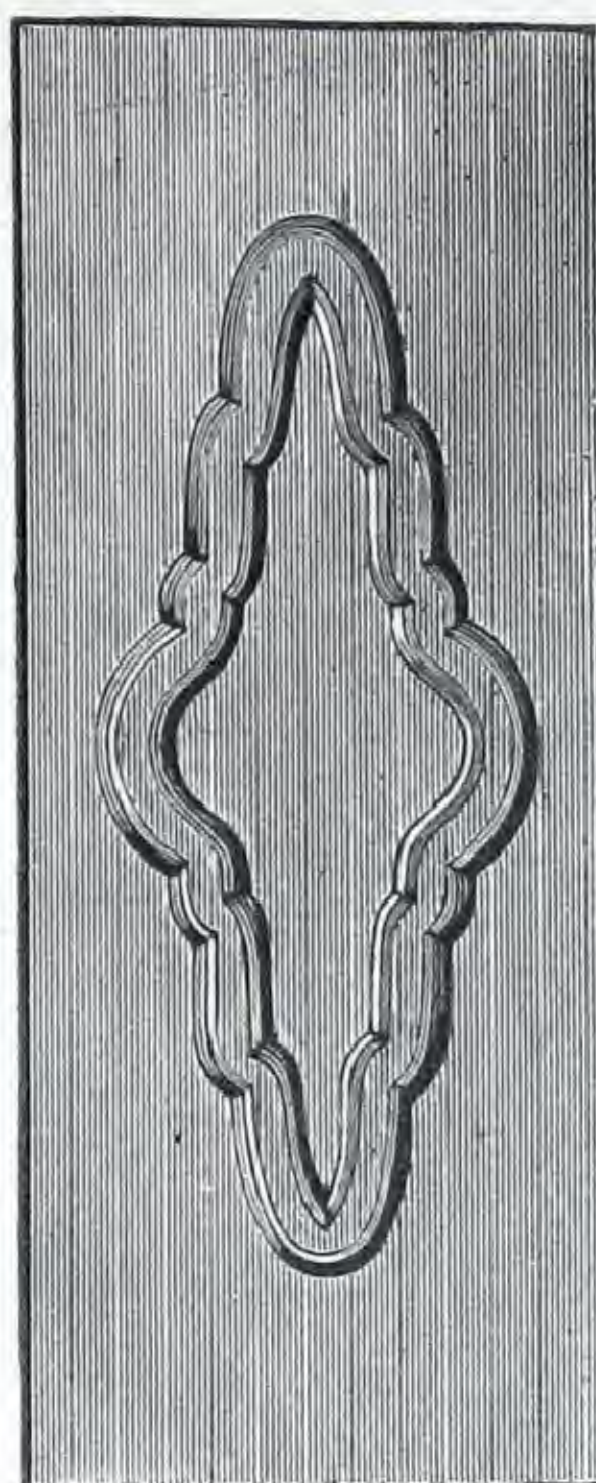
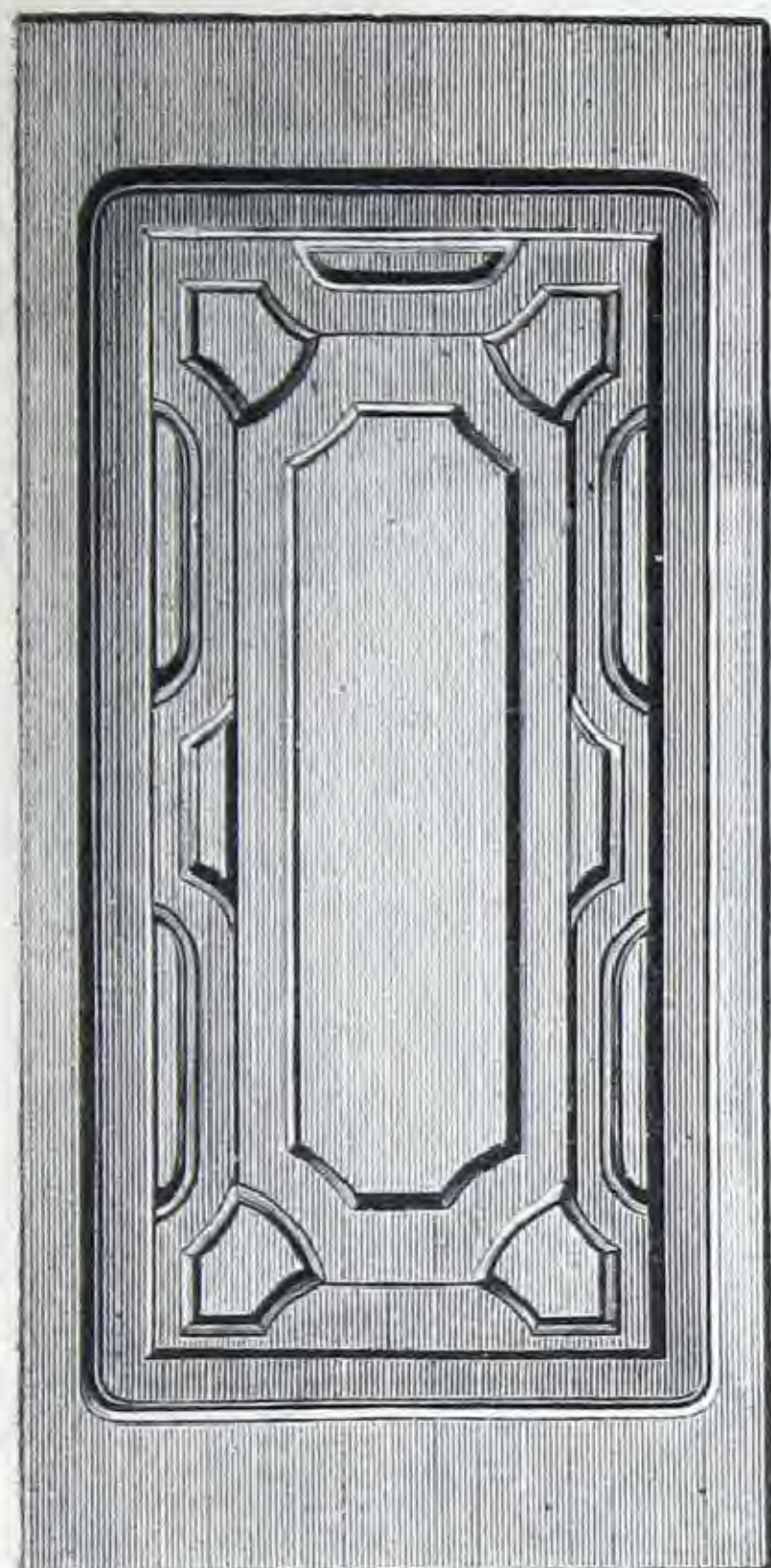


Made by Simmons & Clough Organ Co., Detroit, Mich.

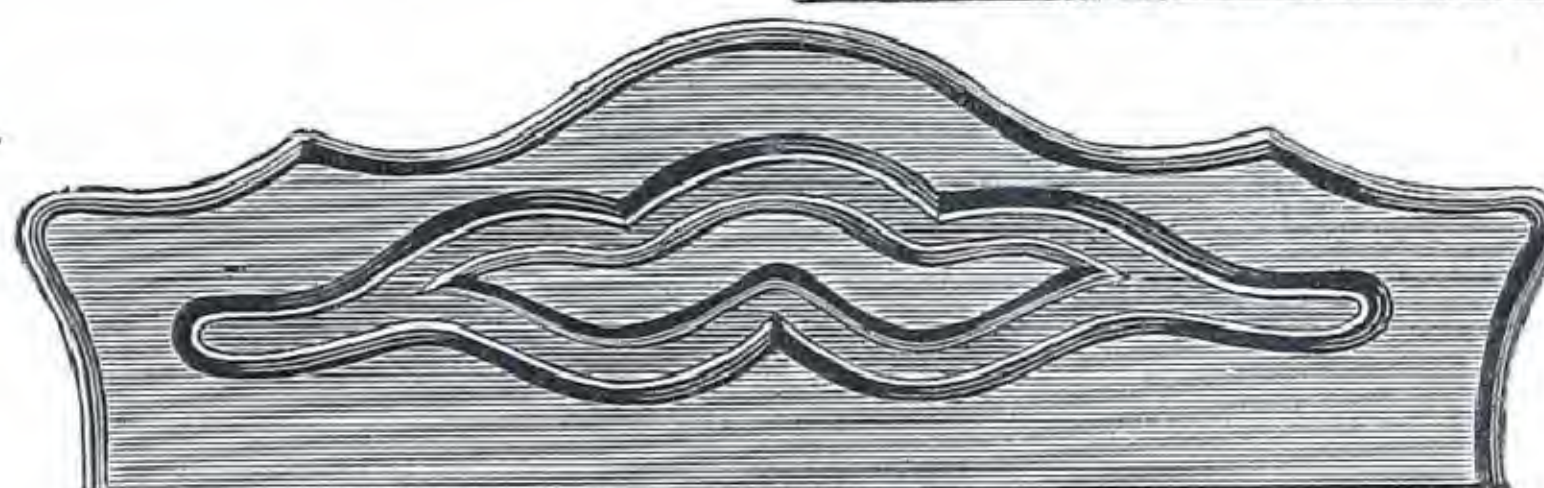


Made by Patzack & Shultz, Chicago.

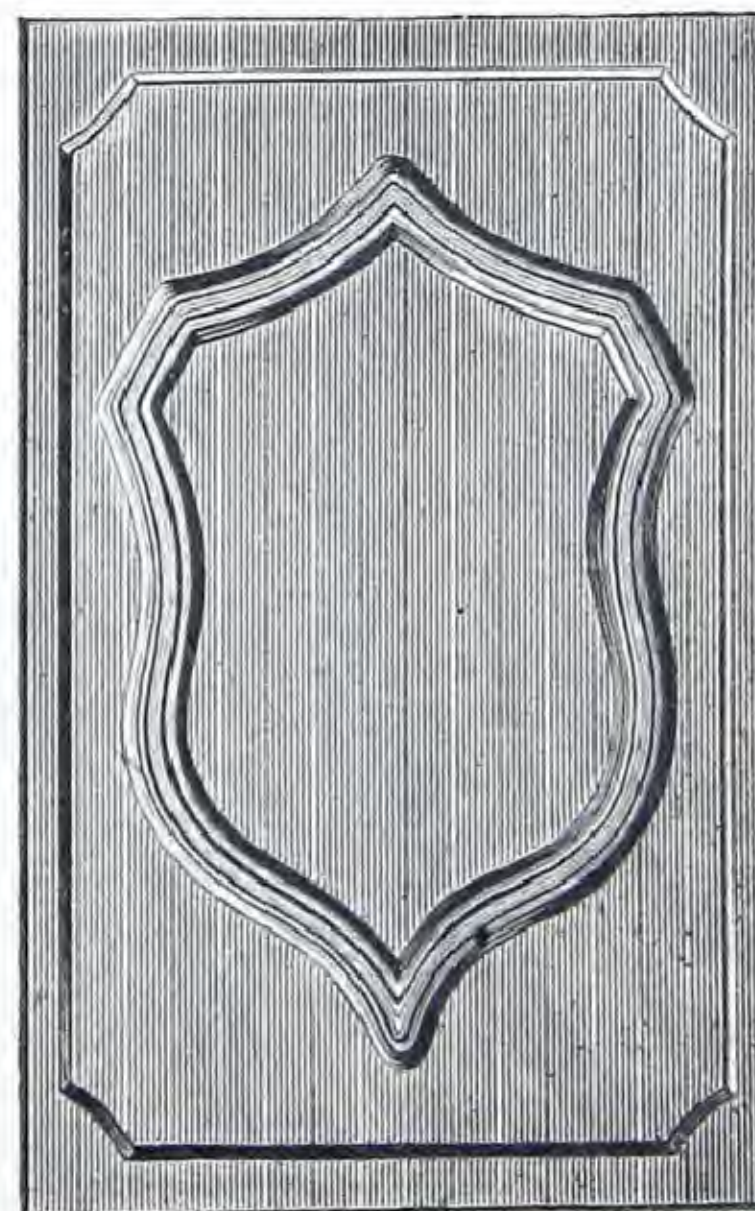
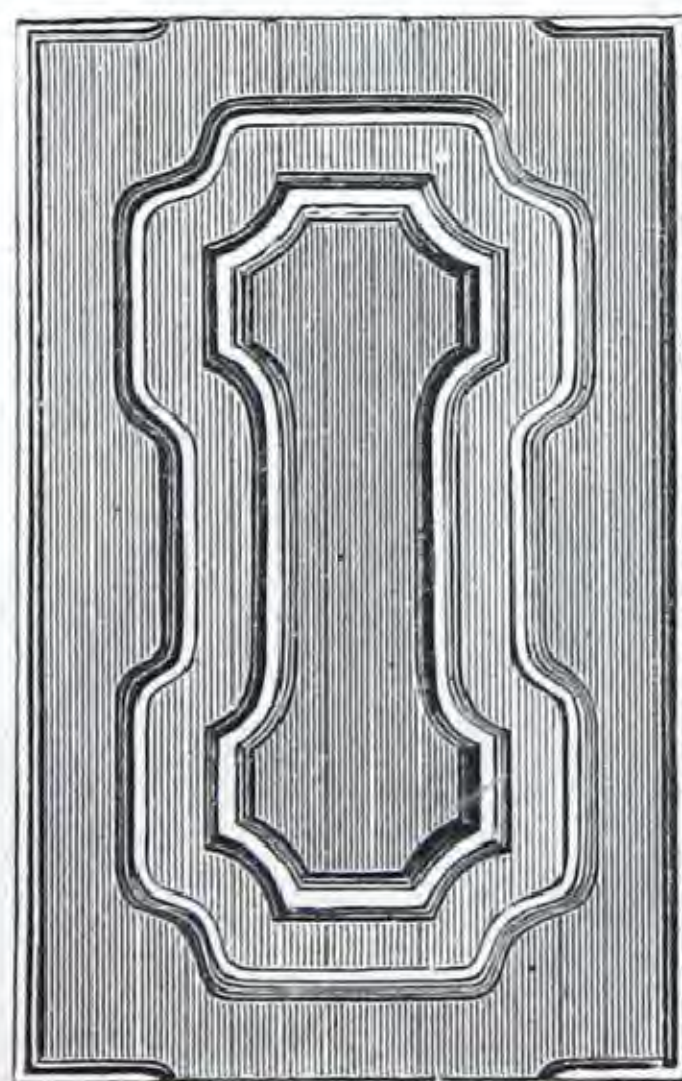
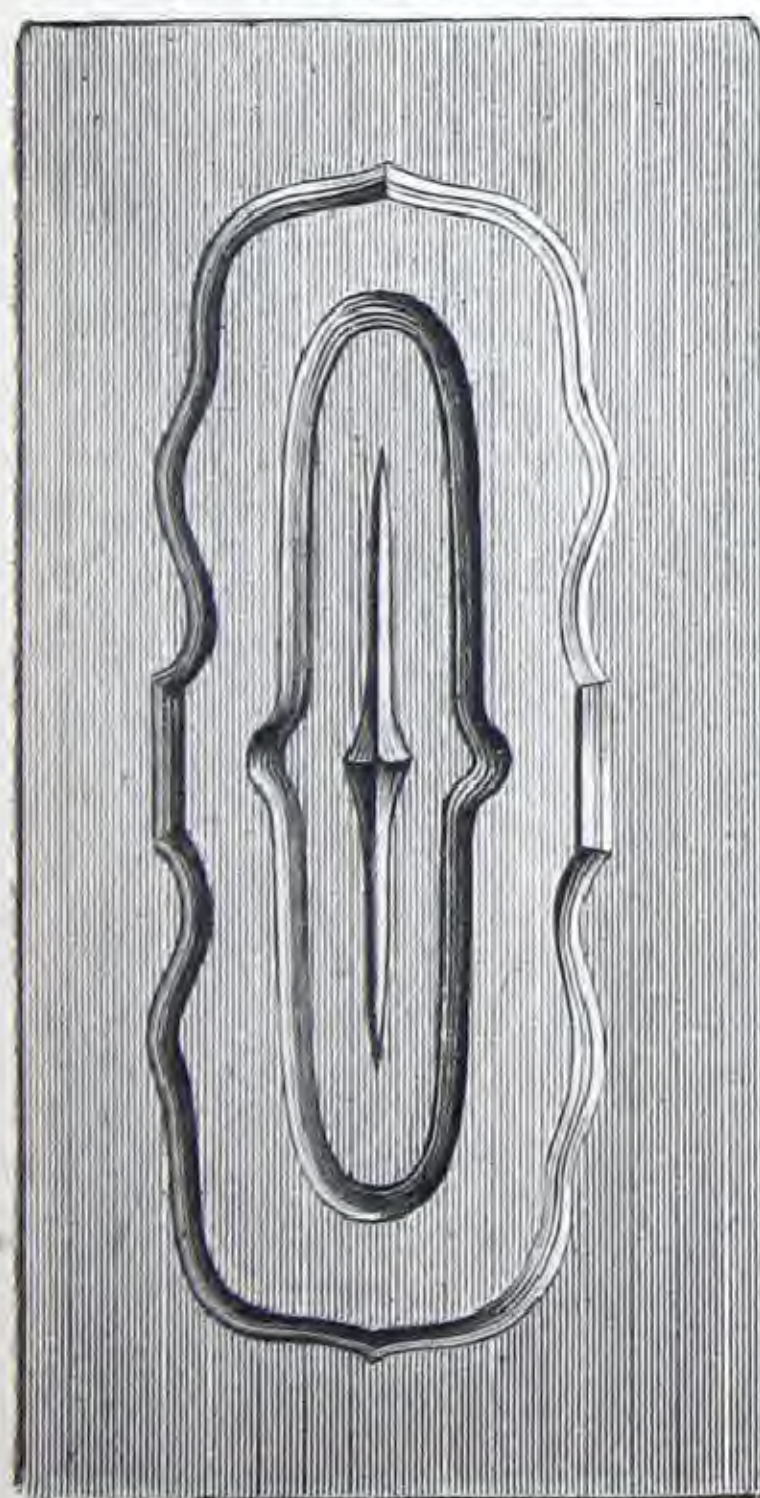
Specimens of Panels Cut By Boulton's Moulding and Paneling Machine.



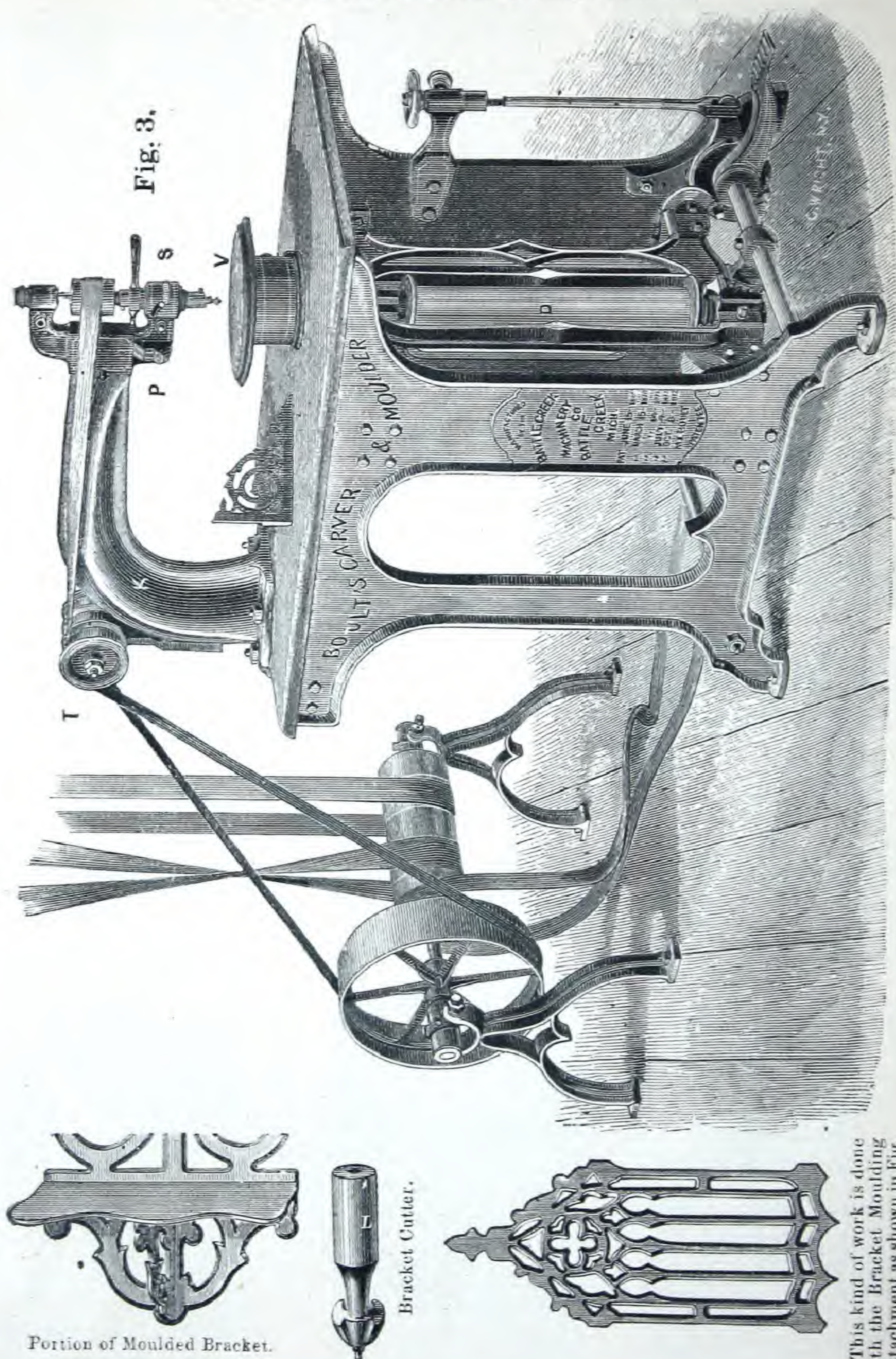
Cutter for Surface Moulding.



Design for Back of Washstand.



Boult's Machine with Bracket Moulding Attachment.



This kind of work is done with the Bracket Moulding Attachment as shown in Fig. 3.

By the use of the upper spindle, shown in cut Fig. 3, page 8, scroll, bracket, or fret-work, trimmings for balconies, verandas, drapery for cornices, decoration for churches, furniture, etc., can be done, *moulding all openings down to one-eighth of an inch.*

The most delicate points of the most elaborate fret-work are moulded with safety and dispatch. In fact, moulding with this part of the machine is carried to the farthest possible extent. As in the other parts of the machine, reverse motion is used to keep the knife cutting with the grain of the wood.

The Uses of the Bracket Attachment

Are of the most varied character and cannot be enumerated in the limits of this circular. It is adapted to inlaying, carving, tracing, engraving, grounding for carvers and engravers, letting in locks and hinges on sewing machines, drawers, etc., all of which is done expeditiously, and is of a kind *never done before by machinery.*

It is also used for inlaying brushes, carriages, picture frames, etc., in variety too great to be here enumerated. No greater facilities are needed for doing any work of the nature above mentioned.

Chair work of the most elaborate style is easily done, where hand work has heretofore been used. We do not hesitate to recommend it to all workers in wood as the most complete machine known in the business.

Cutters for Miscellaneous Use.

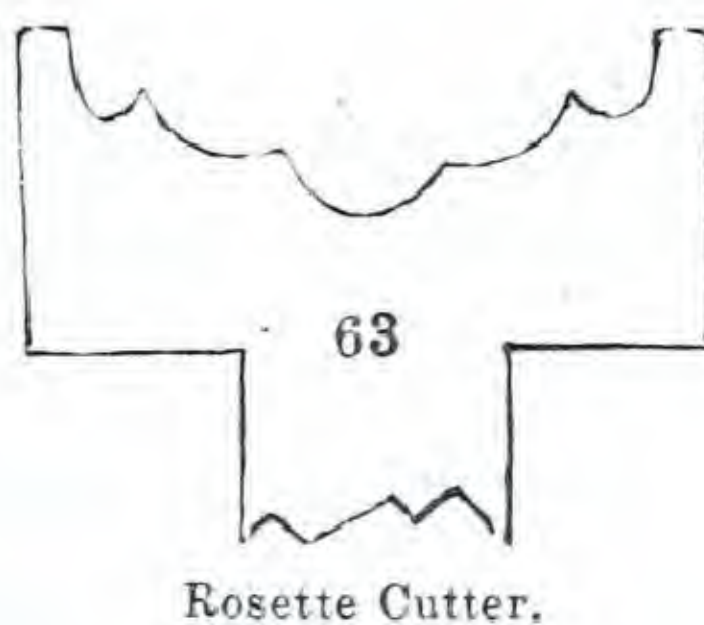
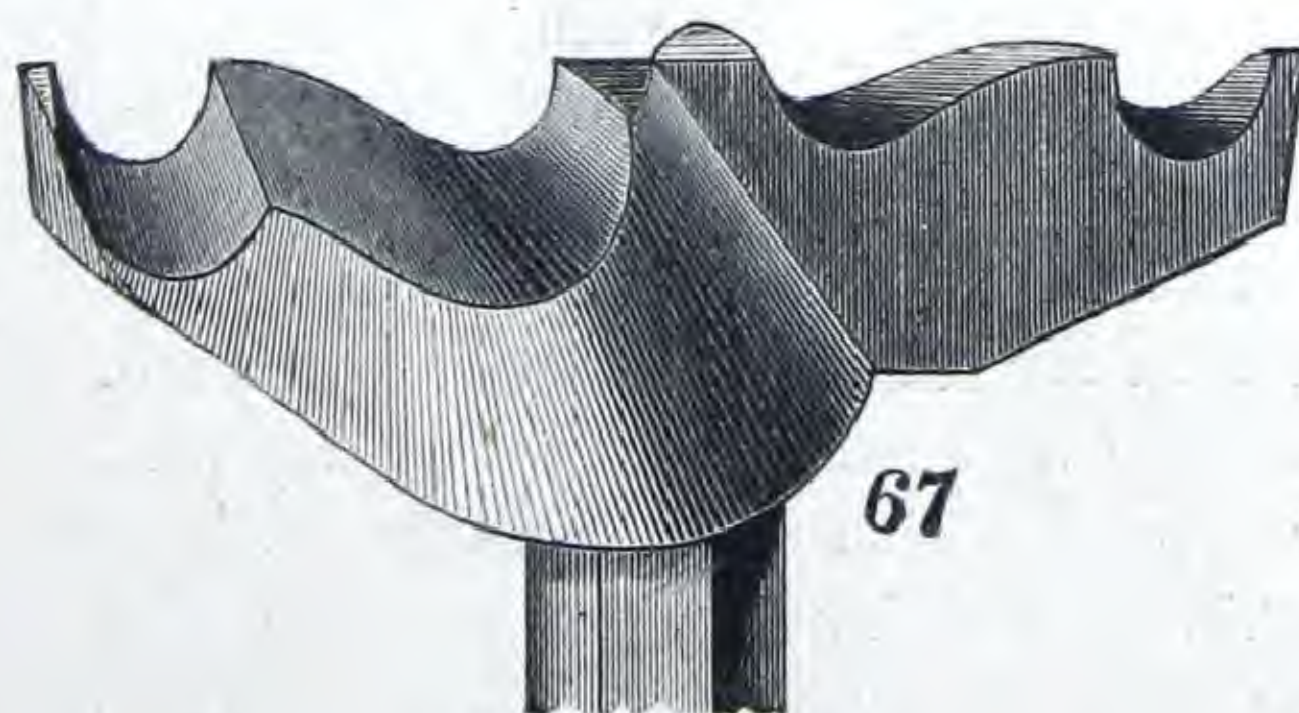


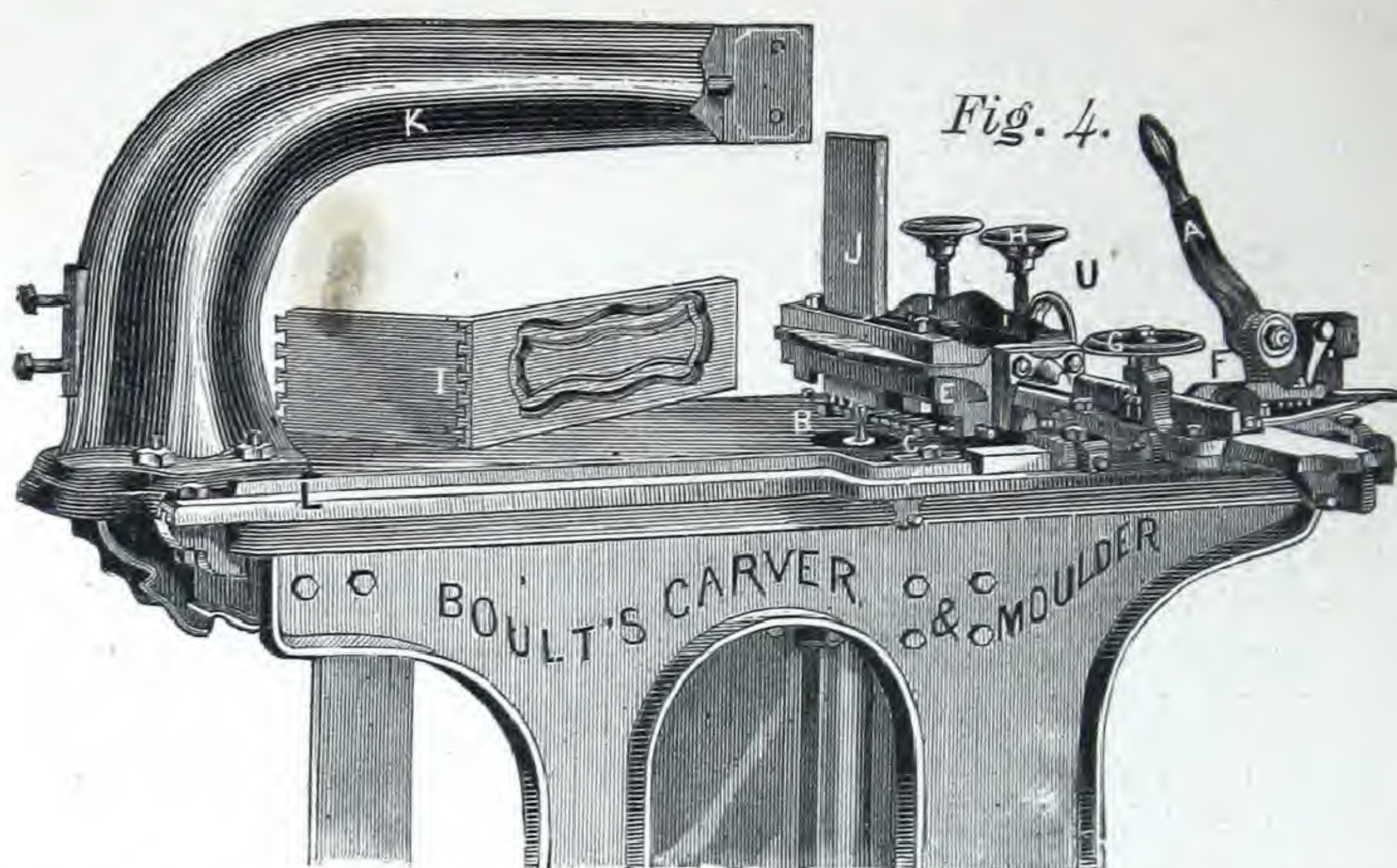
Table Run Cutter.



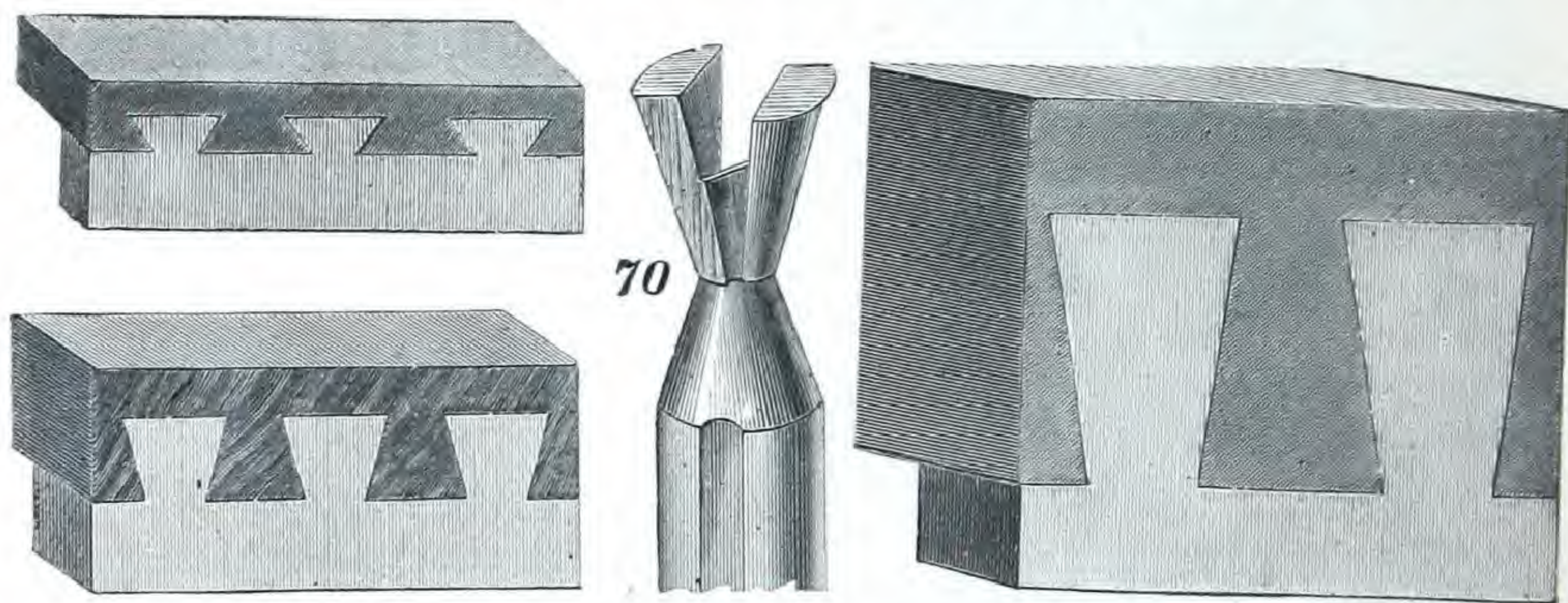
Rosette Cutter.



Dovetail Cutter.



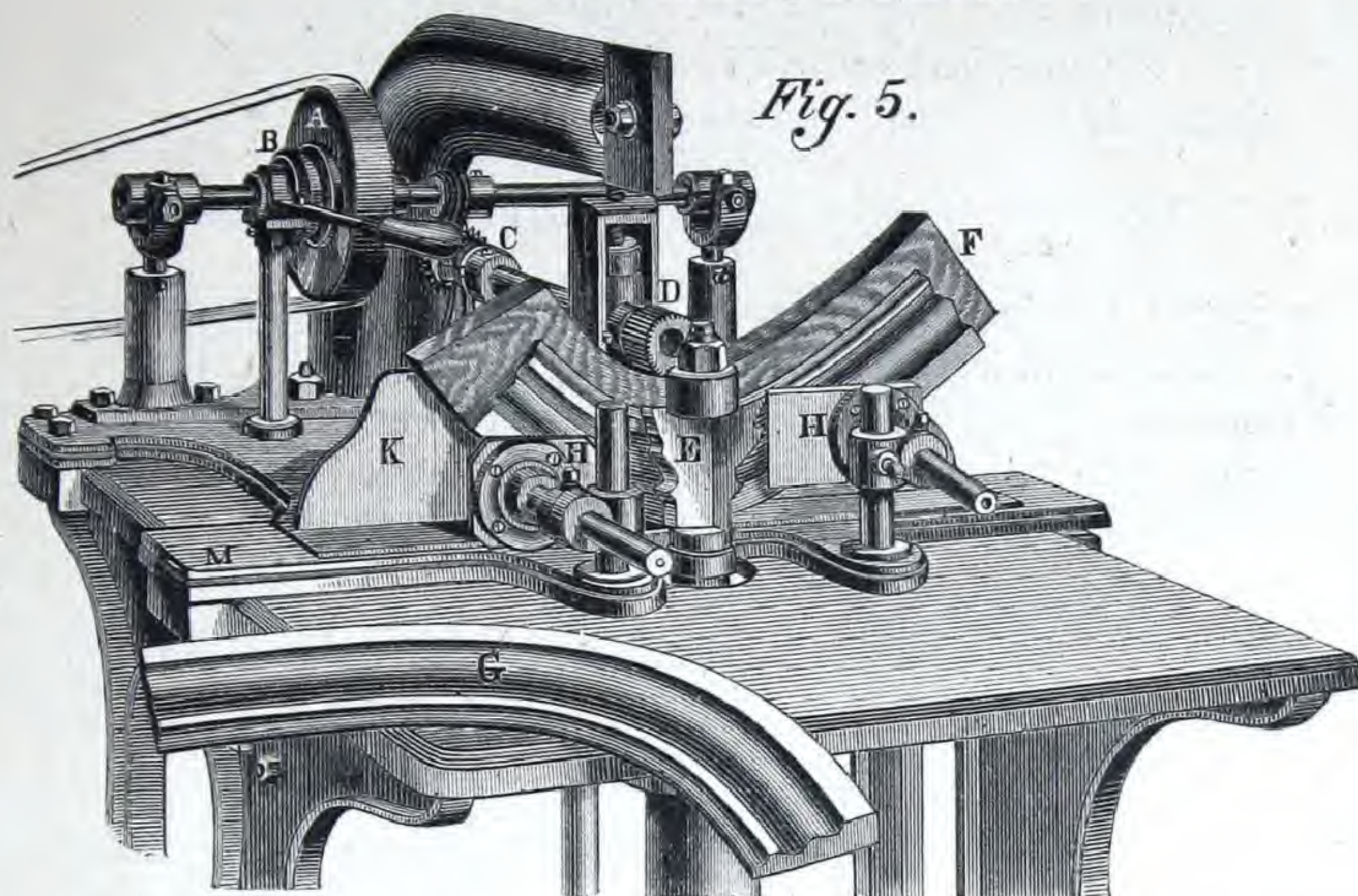
These Illustrations show the Cutter and work done with Boult's Dovetailing Attachment.



Boult's Moulding Machine With Dovetailing Attachment.

In the Dovetailing Attachment we have a simple and perfect arrangement for making a strong, beautiful, "honest" dovetail on any kind or thickness of lumber from a cigar box corner to a $1\frac{1}{2}$ inch plank by simply changing the cutter, and perfectly adapted to all the requirement for such work, cutting both parts (side and front) at the same time. If the drawers are narrow, two sides and two fronts can be cut at the same time, and the work is done with dispatch and scrupulous exactness. But few manufacturers can afford a machine for dovetailing exclusively, costing from \$300 to \$400, which must remain unused a large portion of the time, especially when they can obtain a machine adapted to their every-day wants for the small additional sum of \$100. Should parties wish a machine for dovetailing exclusively, our Edge Moulder with Dovetailing Attachment costs no more than other dovetailers, besides being adapted to numerous other uses. No party working extensively in this line can afford to be without this valuable attachment.

Boult's Elliptical Moulding Attachment.

*Description of Boult's Elliptical Moulding Attachment.*

This Attachment is calculated for sticking elliptical or circular mouldings on any radius, or when moulding elliptical circles to work on a changing radius, on the face of the lumber, such as are used in finishing arches, window and door heads, architraves, etc., etc.

As will be seen by the accompanying cut, it is calculated to be used in connection with an upright spindle, and is arranged to be used as an attachment to the Boult Moulding and Paneling Machine. All its parts are erected upon an independent bed-plate, and, like all the other attachments of this machine, is complete in itself, and can be put on or removed in three minutes' time, so that the machine can be used in any other line of work without delay.

The work is attached to an elliptical pattern of desired shape, which may be repeatedly used, and which will produce work of perfect uniformity. It is provided with adjustable pressure plates for holding the work to the proper position. It has an automatic worm feed, controlled by a friction clutch matching into a loose pulley, by which the operation of feeding is under perfect control.

A is the pulley that drives the feed works, and receives its motion by belt from a pulley on the counter-shaft that drives the main spindle. B is a friction clutch that connects pulley with A, and drives screw-shaft. C is a screw pinion that meshes into a worm on shaft above, by which means the feed roller D is driven. E shows the upright cutter head. F is the form or pattern used with the work attached. H H are adjustable pressure plates or guides for holding the work in place. K is an adjustable gauge or fence governing the thickness of the work. G is a piece of the work finished.

This machine will run in either direction in all its appliances for feeding the stuff and working the moulding, and will work mouldings of any width from one to five

inches, and up to one and three-fourths of an inch in thickness, and is designed to work mouldings heretofore done only by hand. For working elliptical mouldings we believe it to be the cheapest, best arranged and most practical machine made. The price of this Attachment is \$100 extra. Chucks and cutters extra.

Boult's Moulding and Carving Cutters.

These cutters are forged from solid steel of the best quality, with moulds all worked on. Formed and freed by our improved process, they cut as free as flat knives, and much smoother. They never bind or burn, and do not lose their shape or mould when sharpened. No time is lost in setting, as in flat knives, and no risk is run of having your hands drawn into the knife by cross-grained lumber.

Our Surface Moulding Cutters have four cutting edges, and have the facility of cutting when revolving to the right or left, therefore have double capacity, *save half the expense of cutters*, and much time in changing. They will penetrate the wood and travel in either direction.

As no machine, however well made or designed, can serve a good purpose or fulfill the object intended without good cutters, it has been made a special effort of the inventor to render this part of the machine a success. Every cutter, for whatever use it has been adapted, has been made with certain fixed principles; that in order to cut freely, do good work and preserve a good and lasting edge, they must cut a clear and perfect shaving, instead of scraping the wood or reducing the shaving to dust or powder.

We are prepared with the best facilities for filling all orders for cutters on the shortest notice.

Parties ordering cutters will please make a draft, or send sample of the *moulding* they wish to make, when their order will receive prompt attention, and cutters be warranted to work satisfactorily. *Give exact size of mandrel.*

An assortment of cutters for each line of work furnished with the Machine without extra charge. (See page 17.)

Why Manufacturers should Adopt Boult's Moulding Machine.

It pays better for the money invested, being unrivaled in its application and scope.

It is made for business, and is free from superfluous appendages.

It is complete in all its parts.

Its construction is of the most modern, simple and thorough style.

It is just as complete for either of the lines of work mentioned as though made for one purpose only.

No time is lost in changing from one kind of work to another, three minutes being sufficient to make the most radical changes in the Machine.

Being adapted to a variety of purposes, simple and complete, the requirements of several ordinary machines are supplied in one.

A variety of cutters for each line of work is given with each machine.

It is fully protected by patents, and is no infringement of any other machine.

The machines are furnished promptly, and the interests of patrons are always consulted.

It is far safer to operate than any two-spindled shaper, and requires less power.

There is no other machine covering such range and variety of work, or doing it so well.

It has never failed to take the *first premium* wherever shown.

You cannot afford to do without it.

Variety of Uses.

This machine is designed for executing work in great variety in four different lines, viz:

Carving or Paneling on the surface of lumber any design, according to the form or pattern used.

Shaping or friezing, or, more appropriately, variety Moulding.

Moulding Scroll or Fret Work, Inlaying and Engraving.

Dovetailing Drawers, Boxes, etc.

In all cases a counter-shaft with pulleys accompanies each machine, and is set from 7 to 10 feet in the rear of the machine, and connected by a three-inch belt (quarter twist) from the long pulley on the spindle of the machine to the larger pulley on the counter-shaft. There are one tight and four loose pulleys on the counter-shaft, as shown in the cuts, by which the power is communicated from the line-shaft. It will be observed that two belts are used for this communication, one of which is crossed, the other straight, either of which drive the machine when run on the tight pulley. One drives the machine to the right, the other to the left, as may be desired. One shifter only is required to move both belts at the same time.

Construction.

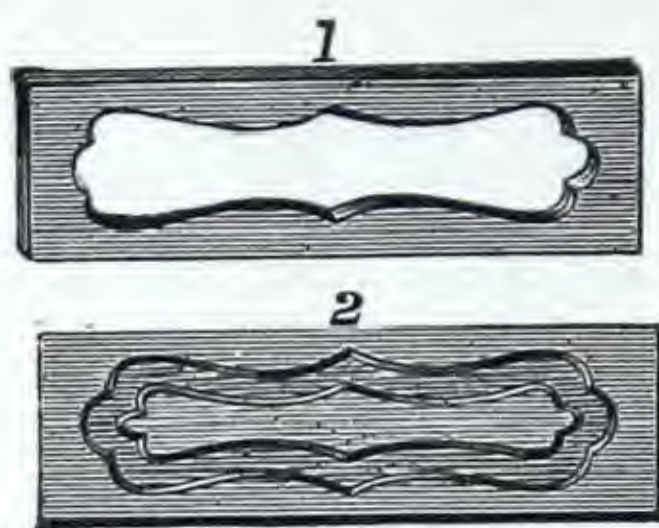
The lower end of the main spindle runs upon a tempered steel screw. The end of the spindle is also tempered, and is made tapering, and fitted to a brass bush, which is set in the lower box a little above the end of the spindle, thus forming an oil box, or chamber, at the extreme end of the spindle, where the two steel points come together. The oil passes directly to the chamber through a tube on the outside. The object of the taper fit of spindle and brass box is to prevent side or lateral motion from wear of the parts. Whenever such motion occurs the box should be raised by loosening the set bolts by which it is held on to the slide, which will allow the box to be raised until there is no lateral motion. It may be necessary to lower the set screw as much as the box is raised. This necessity can be ascertained by observing the adjustment of the spindle endwise. The construction of this part of the machine is such that the step may always be kept in perfect order.

Required Motion.

The pulleys on counter-shaft are 7 inches in diameter, and should make 765 revolutions per minute. It is necessary, of course, that the machine should be set square with the counter-shaft and line-shaft; should set level; and when first started should be well oiled. Special attention should be paid to the loose pulleys. The pulley on the line shaft should have $17\frac{1}{2}$ inches face.

Directions for Carving and Paneling.

In arranging the machine for paneling on the surface, or cutting designs in the solid wood, it is first necessary to prepare a form or template of the work to be exe-



cuted. It is made by simply sawing out the desired shape or figure from a straight, common board, as shown above, and according to the following rules:

As the center of the guide-point is in line with the center of the cutter which makes the groove, it is necessary to make the pattern, or opening, when used concentrically (or the inside) three-eighths of an inch (which is one-half the diameter of the guide-point) *larger* than the center of the groove all around.

When the outer edge of the pattern is moved against the guide-point, the pattern should be three-eighths of an inch *smaller* than the center of the groove, for the reason that three-eighths of an inch, being half the diameter of the point, an allowance made for the same in the form will insure the work being done according to the design without irregularities.

Directions for Setting up and Operating the Machine as a Shaper or Friezer.

When it is desired to use this machine for Shaping or Friezing, it is only necessary to place the long or stem chuck on the main spindle of the machine, which is secured by set-screws on the flat spat on one side of the spindle. The cutter is then slipped on the chuck. Rings, or loose collars, are provided on the chuck, so that the cutters may be given any position in regard to height on the chuck by placing the collars above or below the cutter. The whole are secured by the nut at the end of the chuck. The cutters are made of solid steel, turned the desired mould; cut either way, and are sharpened on the inner or flat side; the outer or moulded side should never be changed.

The machine, as shown in Fig. 2, (p. 4) is arranged for paneling and cutting designs on the surface. The small chuck M is placed on the spindle, and a penetrating cutter, like No. 64, is inserted in the chuck. The guide-head C is adjustable, up or down, to the work by means of screw and hand wheel at N. The cutter is adjusted by the screw rod H, to come as far above the top of the table as desired to penetrate the work, then by pressing the foot on the foot-latch X, the spindle is let down, carrying the cutter below the top of the table out of the way. The work, with the pattern attached on the back, is placed face downward on the table, the guide-point A is then

lowered by means of the screw at N until it enters the pattern, and the pressure plate O comes in contact with it. A sufficient amount of pressure is brought to bear, to enable the operator to hold the work firmly in position. Motion being given to the spindle D, the operator then presses his foot upon the lever F, which brings the cutter up into the work, as far as previously adjusted, when the foot-latch X flies into the catch as the right elevation is attained, and holds it there. The pattern is then moved around against the guide-point A, until the work is complete.

The cutter being moulded, the work is finished when it leaves the machine, and as cutters for this work are made with double cutting edges, and will work equally well when revolving in either direction, the cutting can always be done with the grain of the wood.

Should it be necessary to elaborate the work, as shown in some of our cuts, it is only necessary to use successive forms, or patterns of different designs, on the same panel. Each design can be cut with a different style of cutter and at a different depth, producing styles of work limited only by the skill and taste of the operator. The largest circumference and greatest depth should be cut first, the next largest circumference and depth should succeed, and so on as far as desired.

For Moulding Scroll or Fret Work.

Fig. 3, page 8, illustrates the machine as arranged for Moulding Brackets, Scroll or Fret Work, Inlaying Brushes, Engraving, Routing, Grounding, and for doing fine moulding of every description. This arrangement consists of a spindle head P, placed on the arm as shown, and driven by the belt passing from the counter-shaft over the friction pulleys T, on to the pulley on small spindle. It is only necessary, when arranging the machine for this work, to take off the belt from the large pulley and put on a light belt running to the top spindle. The spindle is moved up or down by means of a pin inserted in the brass box, and working in a cam slot in the head. The handle attached to the box is brought around, causing the pin to move up in the slot carrying with it the spindle. This arrangement is especially convenient in moulding scroll work, as it enables the operator to get at the inside openings. After the work is in position, the cutter is lowered into the opening by the same means that it is raised. When the work is finished the spindle is again raised, and another opening is brought into position, and so on until the work is finished, all of which is done without stopping the motion of the machine. The cutters are made with a guide-point, which can be very much reduced in size, and will follow the smallest opening of a scroll-saw. No forms or patterns are necessary. The small table V, shown as setting on the machine in Fig. 3, is adjustable up and down as may be necessary to accommodate the different thicknesses of stuff to be worked. By this arrangement stuff may be worked from 3-16 to 2 inches in thickness. The same cutters can be used on the lower spindle if thick stuff is to be worked.

To Do Inlaying.

A thin form or pattern is used of the desired shape, affixed to the work. A small router, having a shank of equal size, is used as a bearing or guide for the pattern, which being on the top of the work, the cutter is let down through the pattern into the work the desired depth.

Directions for Setting and Working the Dovetailing Attachment.

See Fig. 4, page 10. The bed-plate clamps on the left hand side of the top of the machine, and is placed (by set-screw on the under side) so that the cutter B will enter equi-distant between the fingers C of the carriage as it is moved up. Adjustable stops are placed on this bed-plate—before and behind the slide—to regulate the stroke. A front and side of a drawer, or two of each, if narrow, may be cut at the same time. The ends J are placed upon the fingers C, and held by lateral compression screws, or eccentric levers. The fronts are placed horizontally in the bottom of the carriage, and held by vertical compression screw H, or eccentric levers. Adjusters E are provided at each side of the carriage to regulate the position of the lumber, and give the desired relish. The plan of the dovetailing being to make each part (pin or mortise) both at the same time and equal in size (both being of the same size as the cutter.) In order to accomplish this, the cutter must be set to work up into the lumber about one-half the length of the cutting edge, (that being the dividing line of the cutter) which makes the pin and mortise equal. A slight variation of the cutter, up or down, makes the fit tight, or loose, as desired.


The relish may be regulated as desired by the position of the adjusters. The slip-pin in the adjusters can be regulated to make side and front come even on the edge. The adjustment for cutting the backs is effected by placing in position a drawer side, after having been cut to match the front, the same as when cut, then place the pieces for the back in position, letting the edge come even with the lower corners of the outside, or first pin on the drawer side, then slip the adjusting slip-pin to the edge of the back, when the machine is ready for work.

The cutting should commence when the latch is in the second notch from the end of the spacer. In all cases both parts which serve to form a corner are cut at the same time. When once adjusted, the slip-pins may be marked so as to readily set the machine for cutting either fronts or backs, with the corresponding sides, in a few moments.

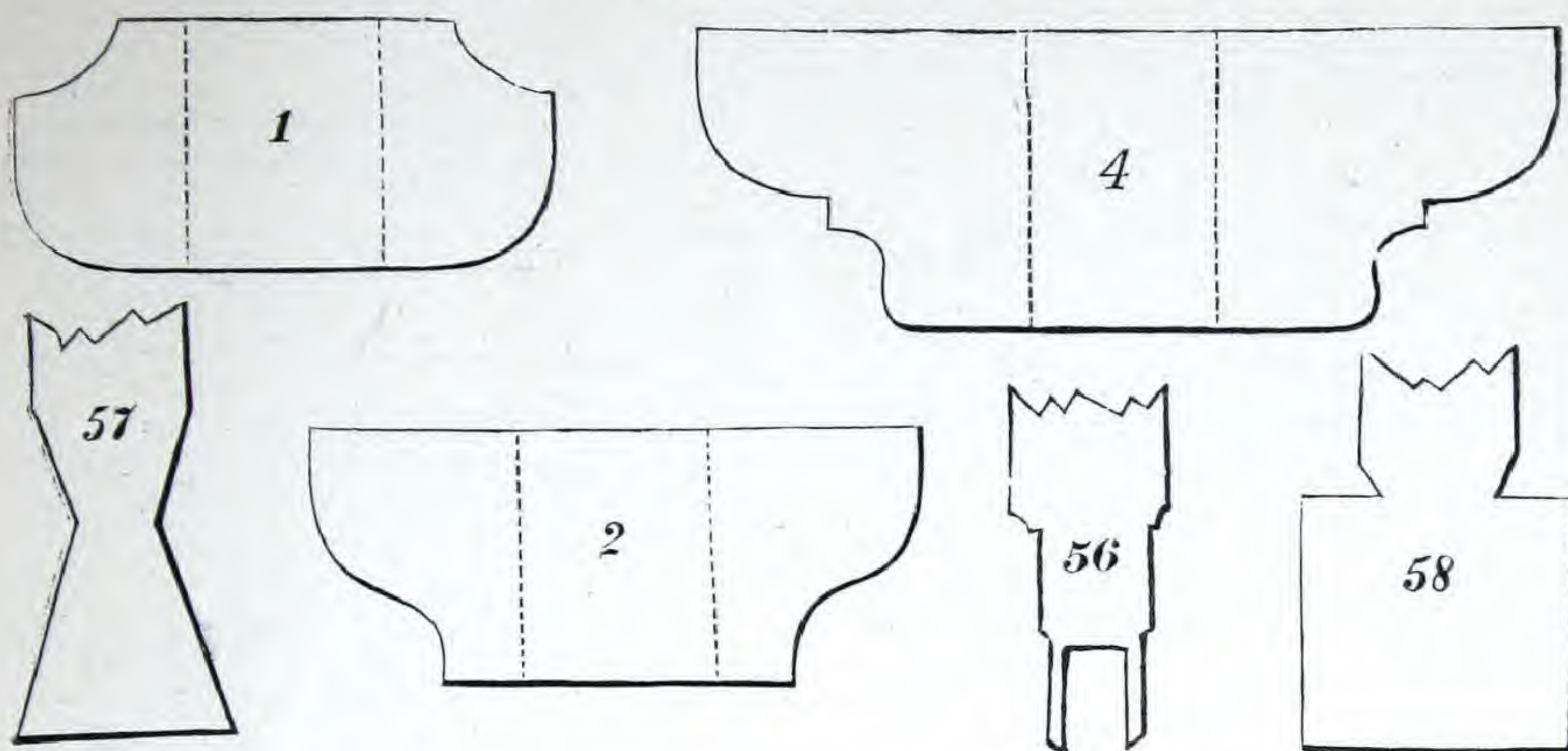
With right hand on lever A, and left hand on hand wheel G, the operator has control of carriage. With right hand move it forward, and with the left hand move it laterally. As the carriage moves backward, the dog M lifts the latch F long enough to allow the carriage to pass, when it drops and catches into the next notch and holds it until another pin and mortise are cut.

REVISED PRICE LIST, MAY 20, 1876.

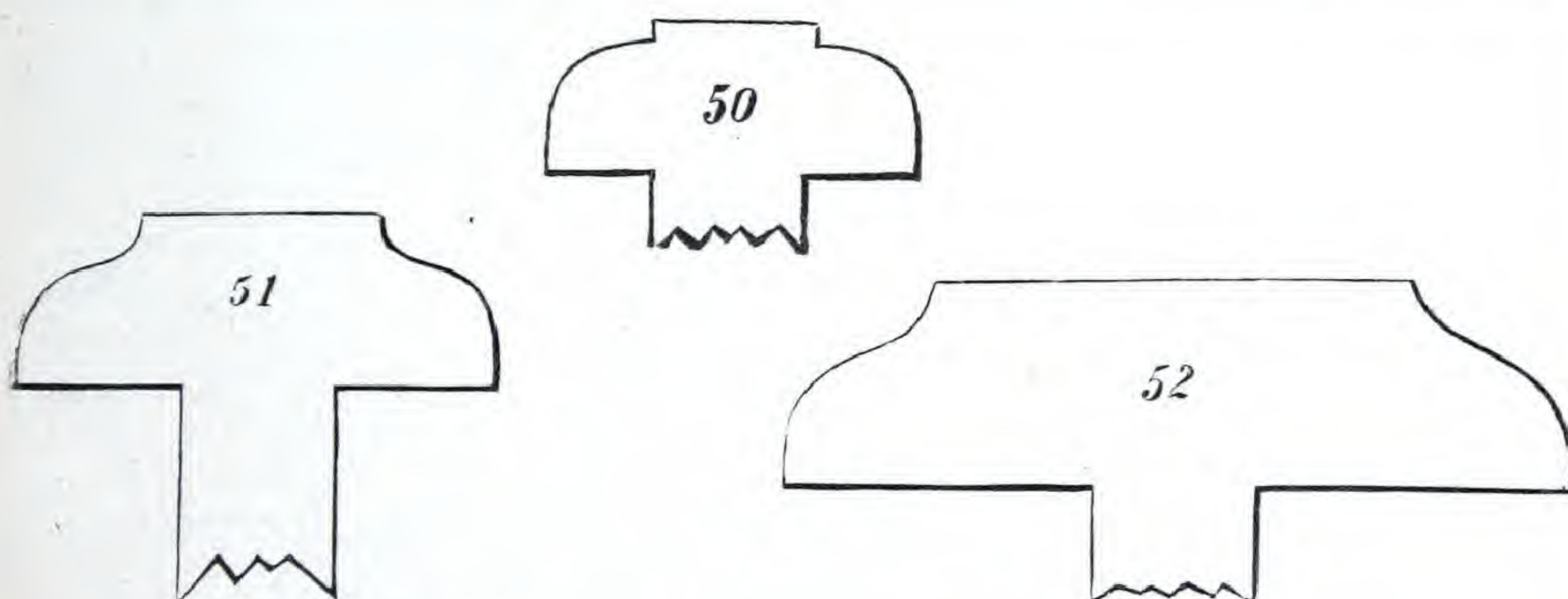
No. 1.	As a Shaping and Edge Moulding Machine.....	\$200 00
No. 2.	As a Shaping, Edge and Surface Moulding Machine.....	300 00
No. 3.	As a Shaping, Edge and Surface Moulding Machine, with Bracket Moulding Attachment.....	350 00
No. 4.	As a Dovetailing Machine only.....	285 00
No. 5.	As a Dovetailing, Shaping and Edge Moulding Machine.....	300 00
No. 6.	As a Shaping, Edge and Surface Moulding Machine, with Bracket and Dovetailing Attachment.....	450 00
Elliptical Moulding Attachment, extra,.....		100 00
Chuck and Cutters for Elliptical Attachment, extra,.....		
Fluting Attachment, extra,.....		25 00

 All orders for Machines or Cutters should be addressed to the BATTLE CREEK MACHINERY Co., Battle Creek, Mich.

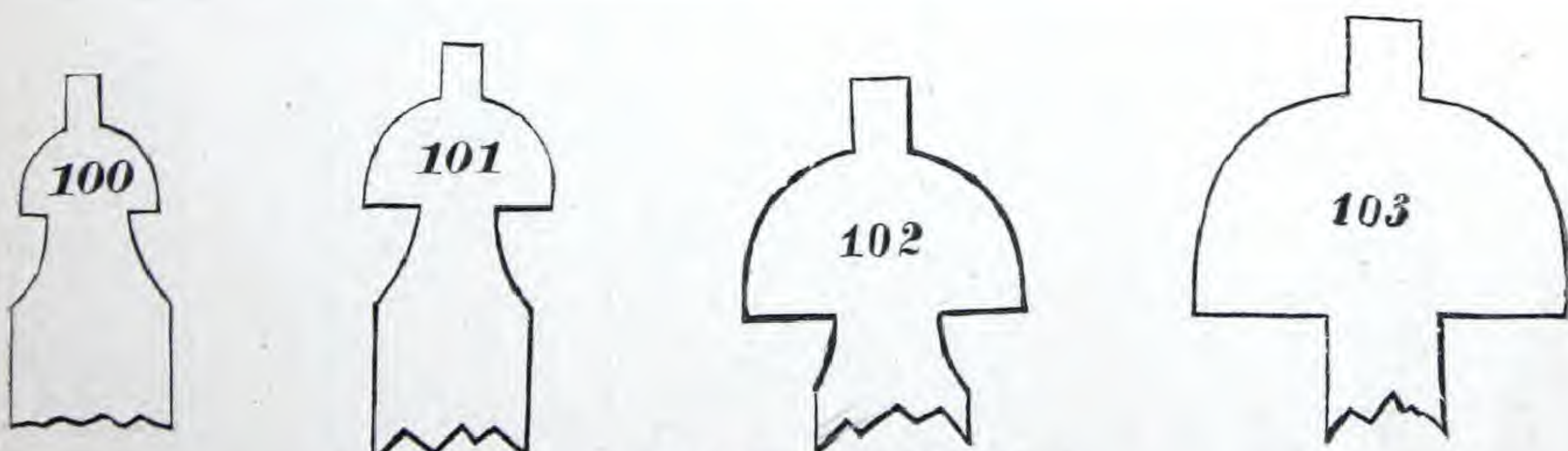
DIAGRAMS OF CUTTERS THAT GO WITH BOULT'S MACHINE.



Cutters Nos. 1, 2, 4, 57, 53, and two of No. 56, go with each machine, for Shaping and Edge Moulding free.



Cutters Nos. 50, 51 and 52 go with each Surface Moulding Attachment, free.

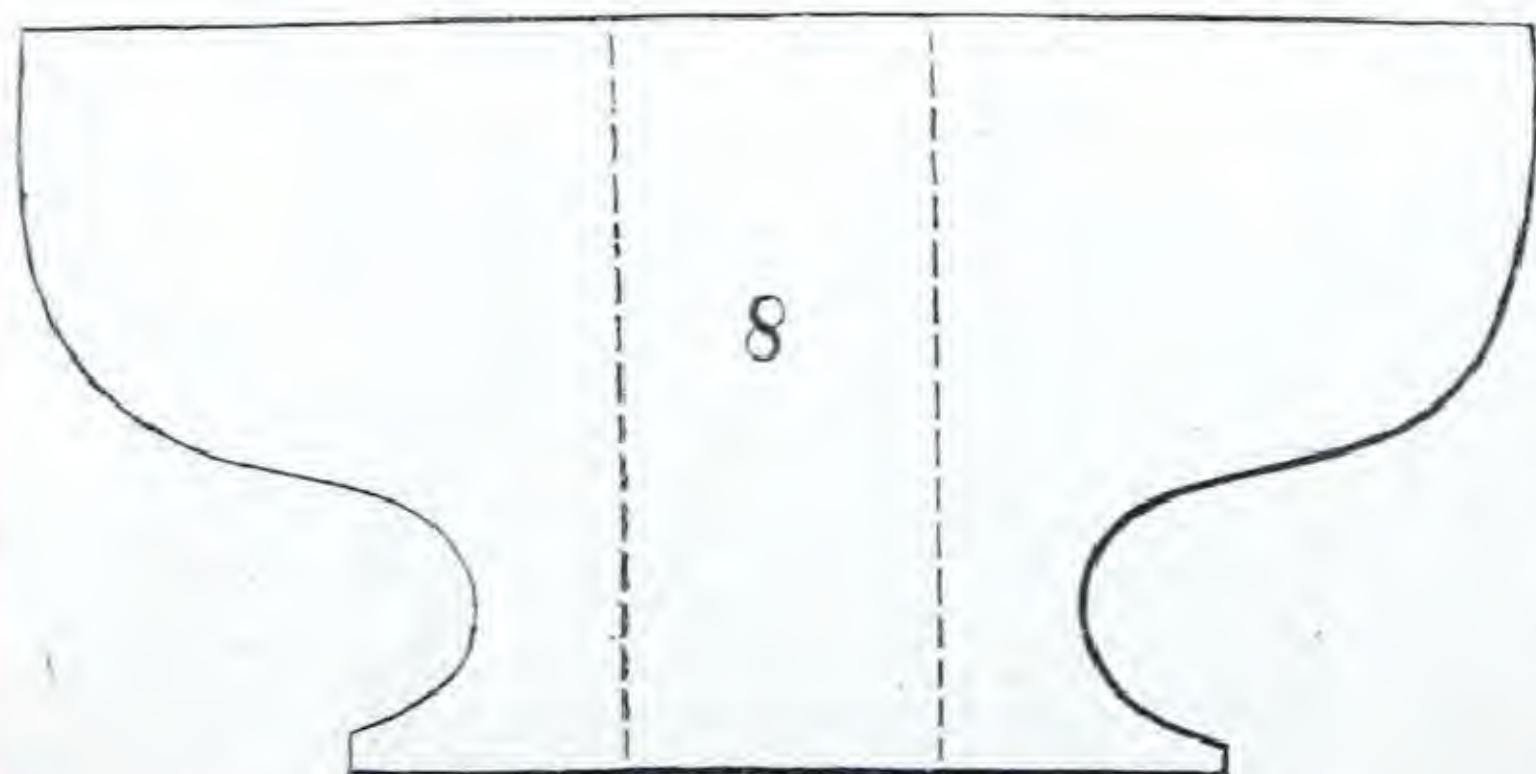
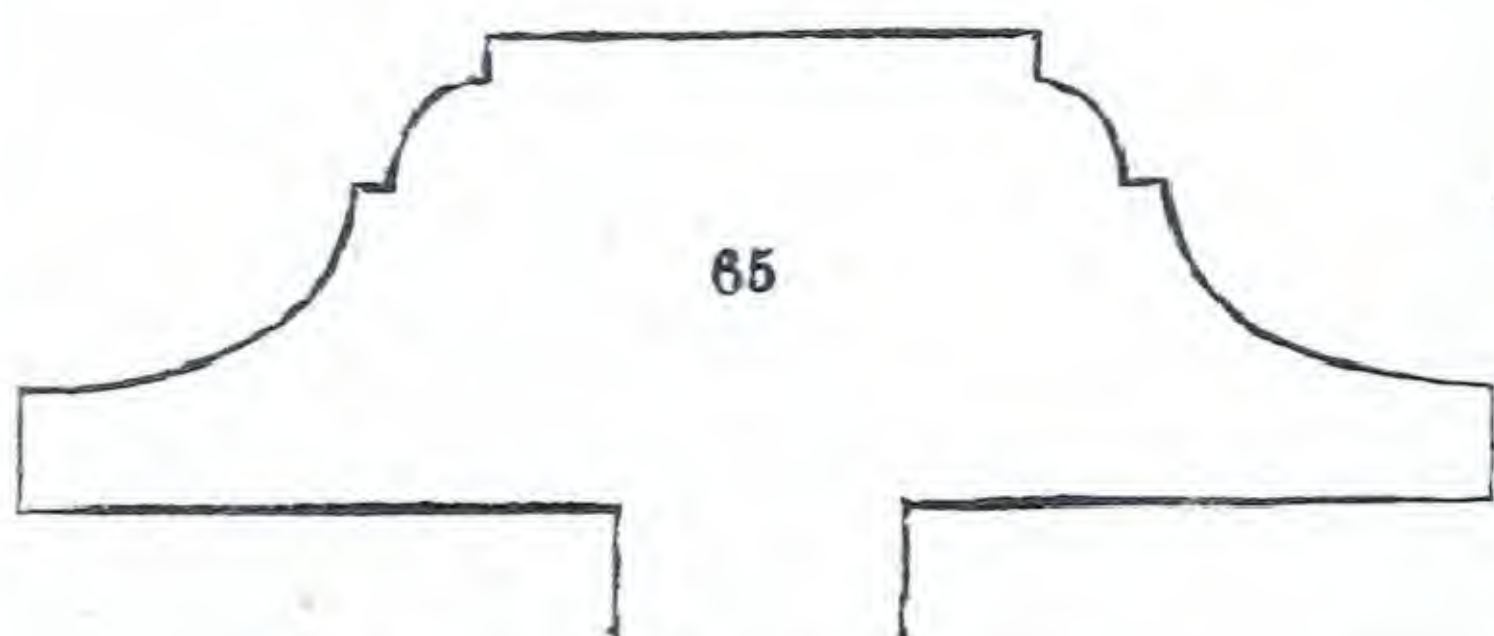
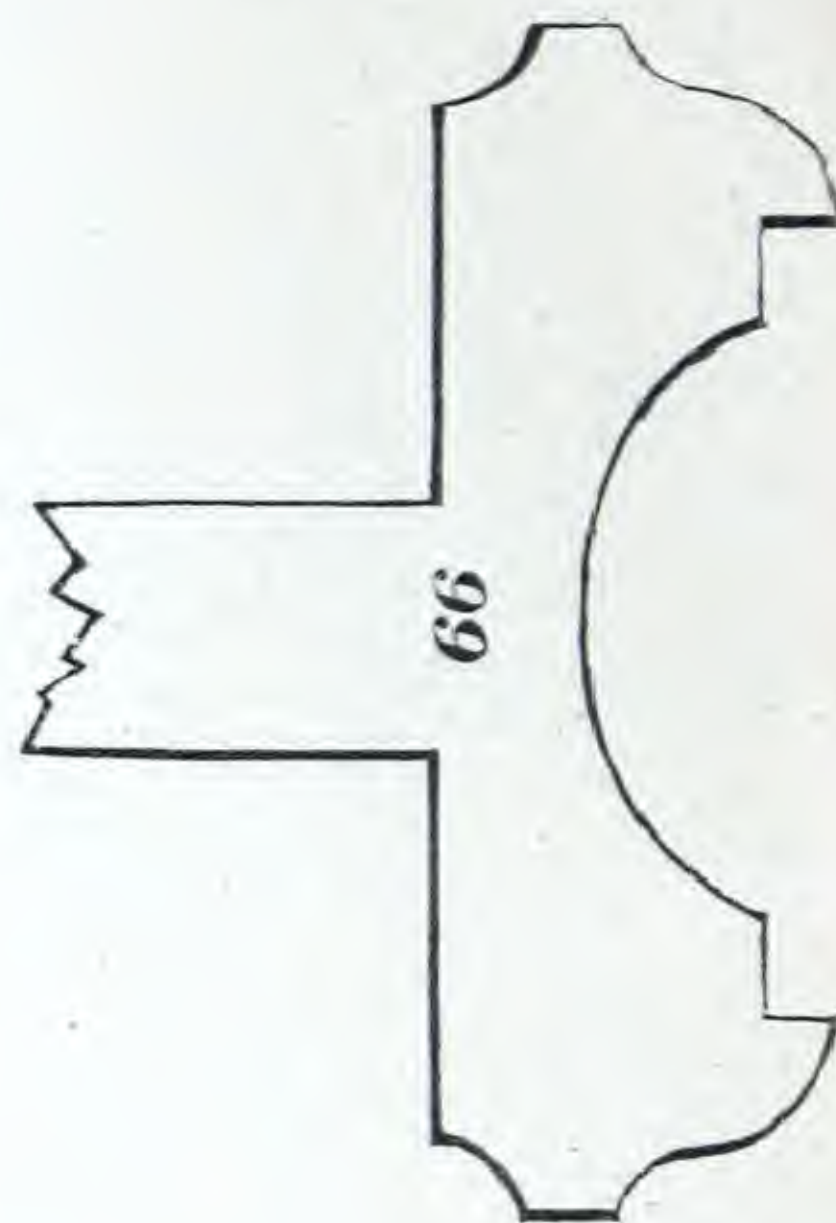
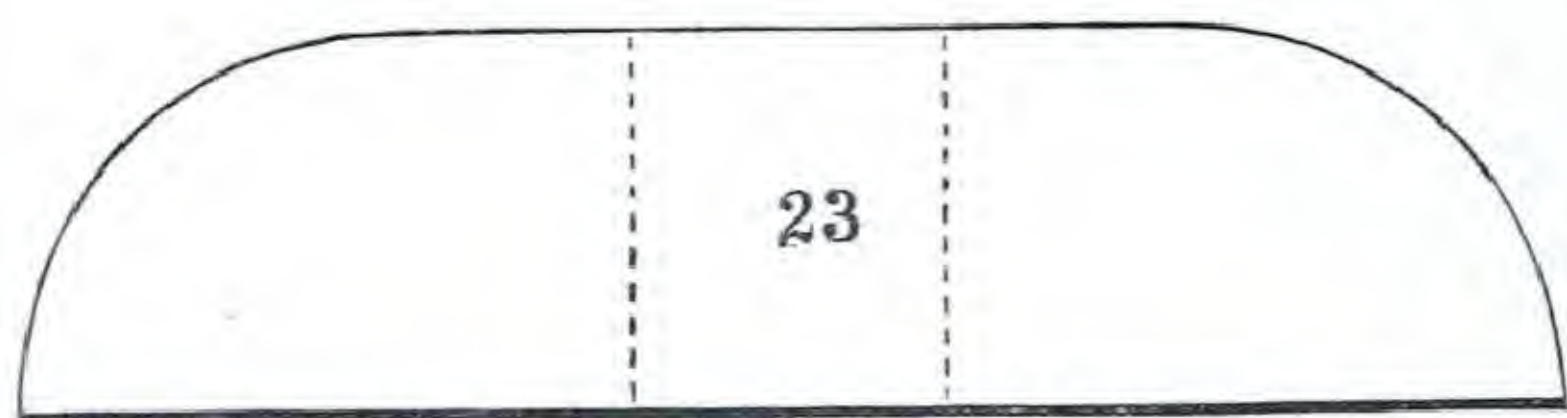
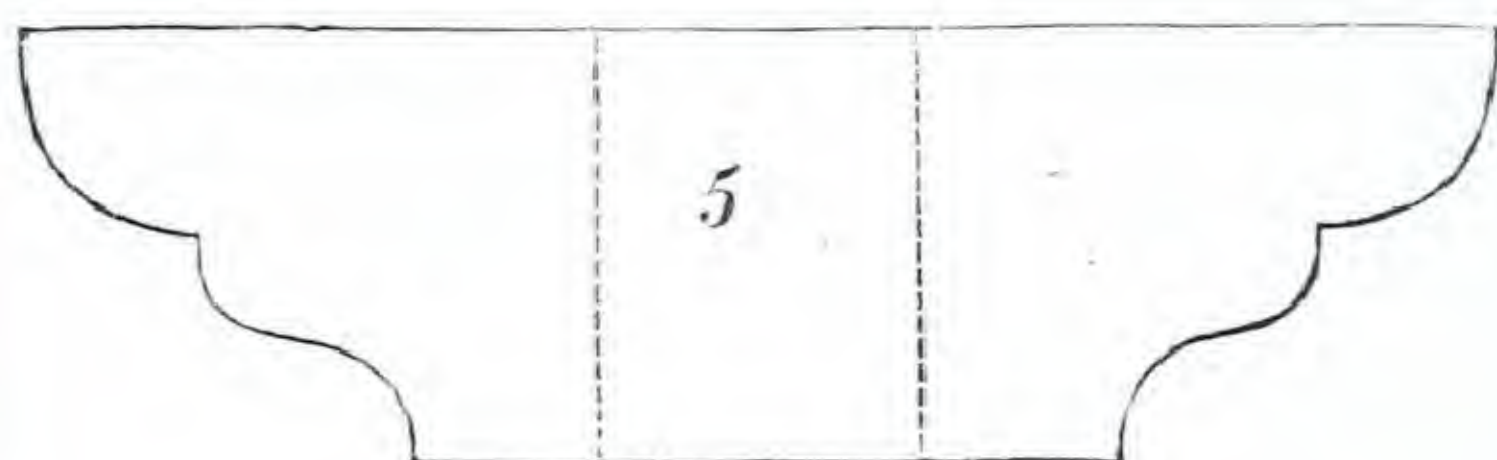
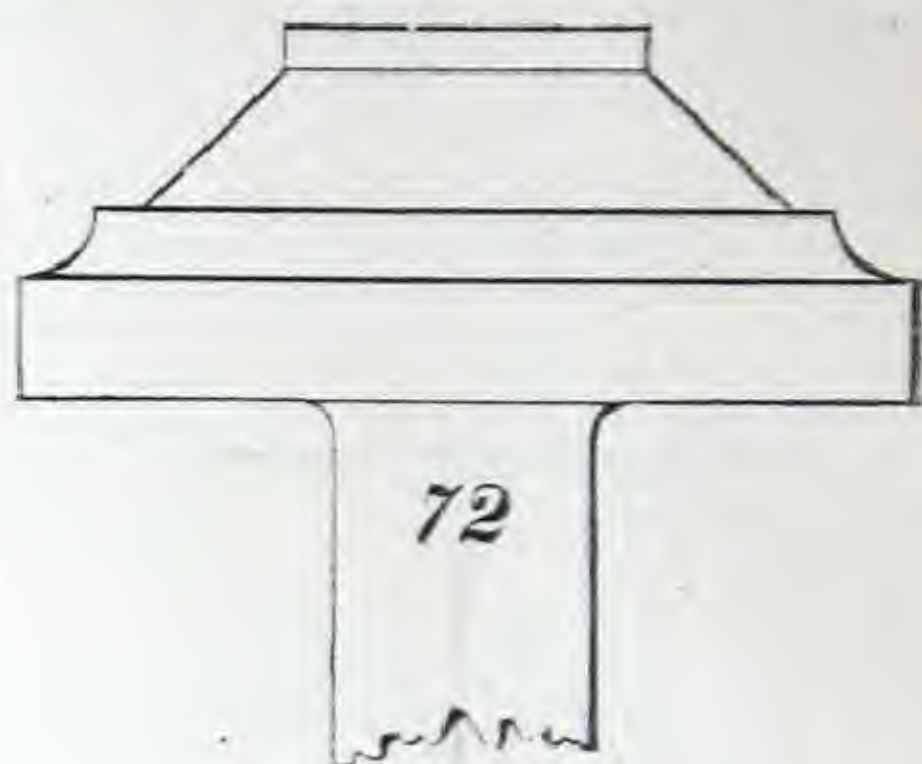
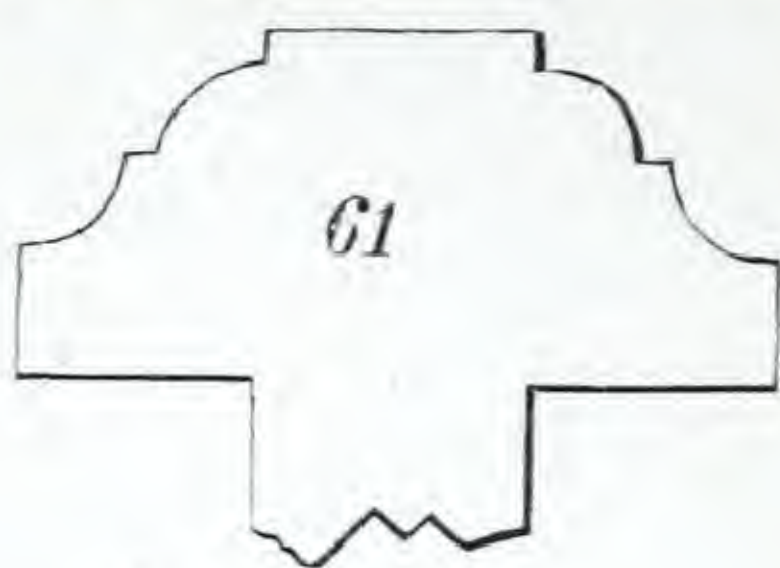


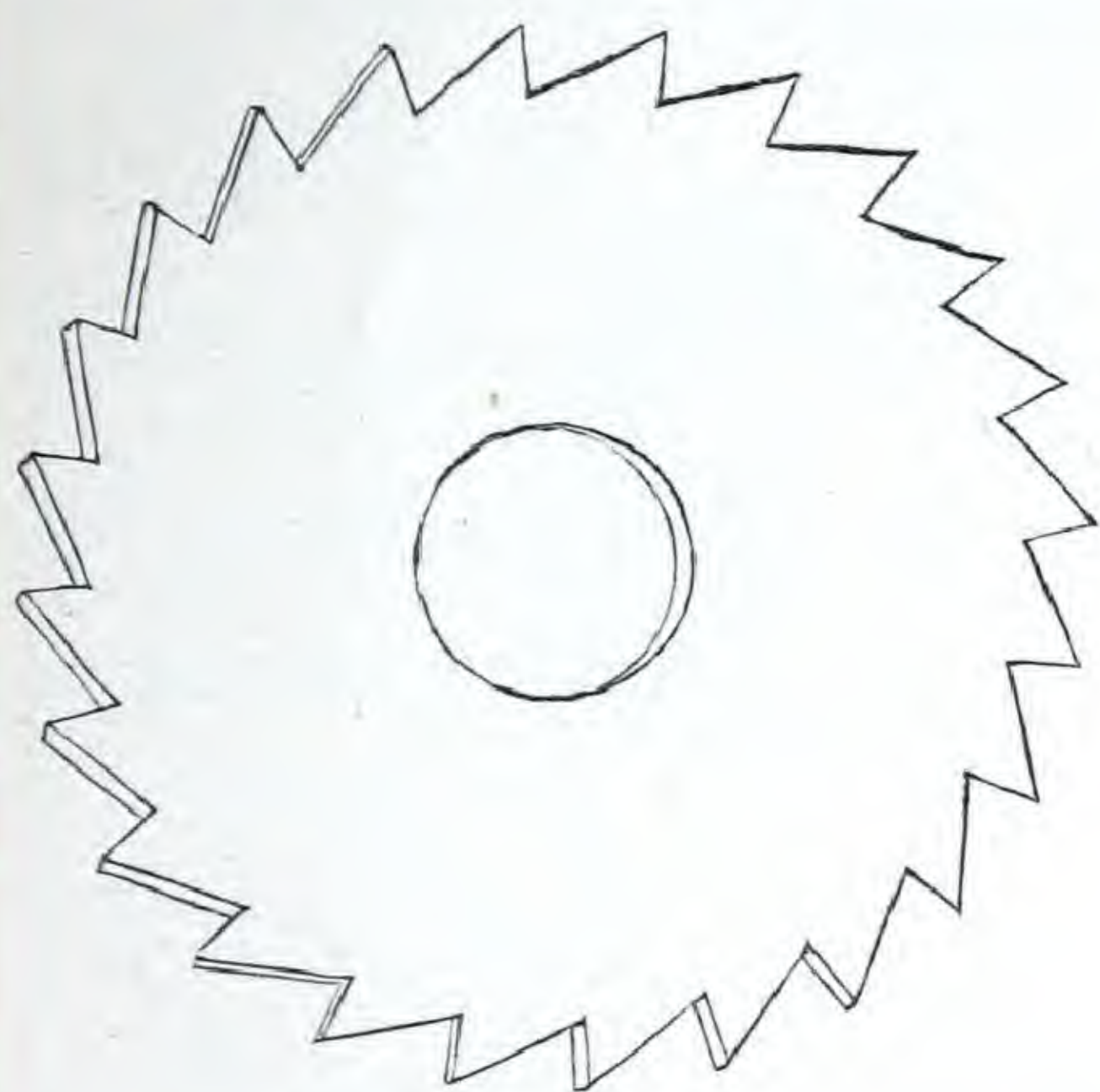
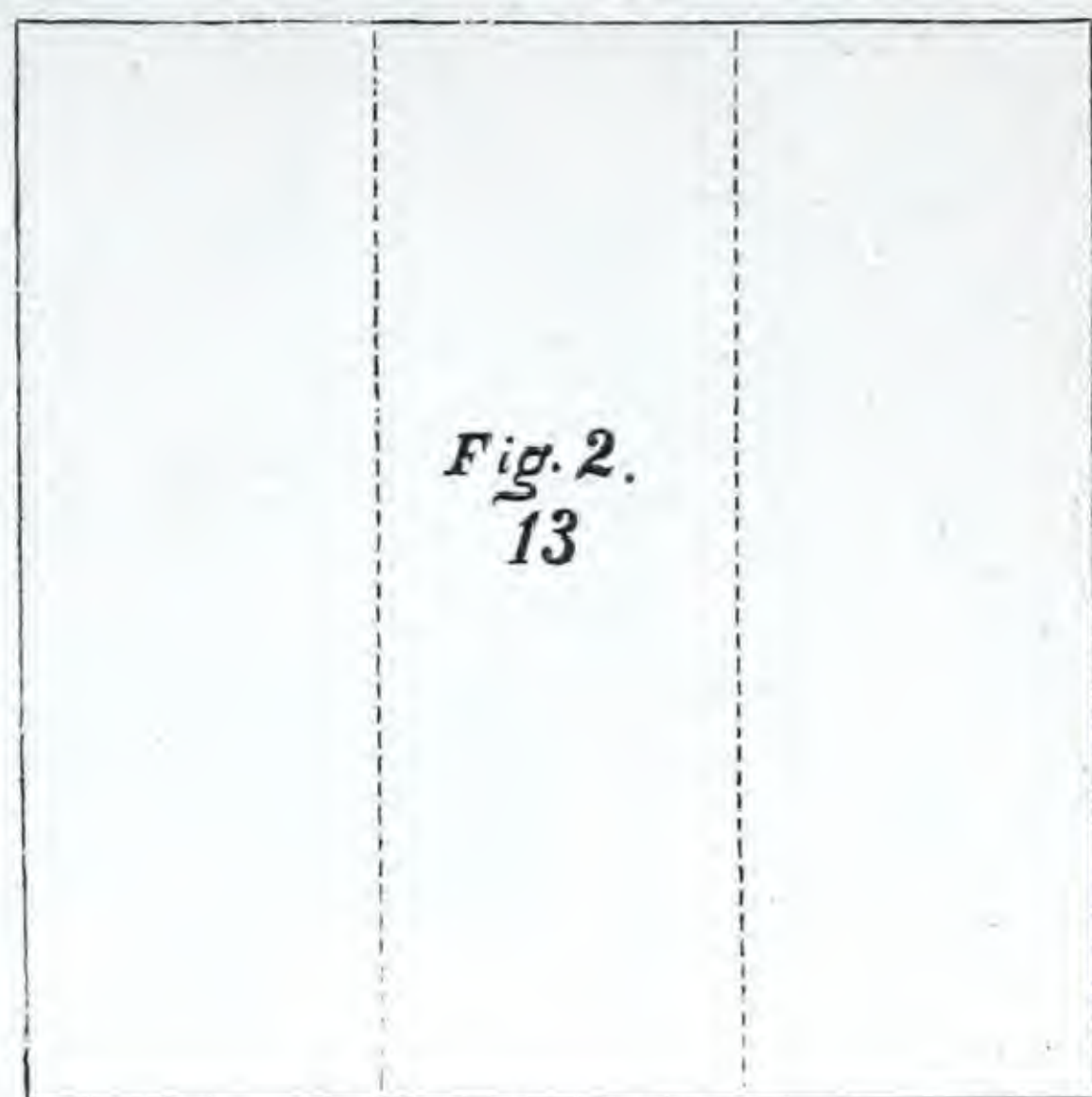
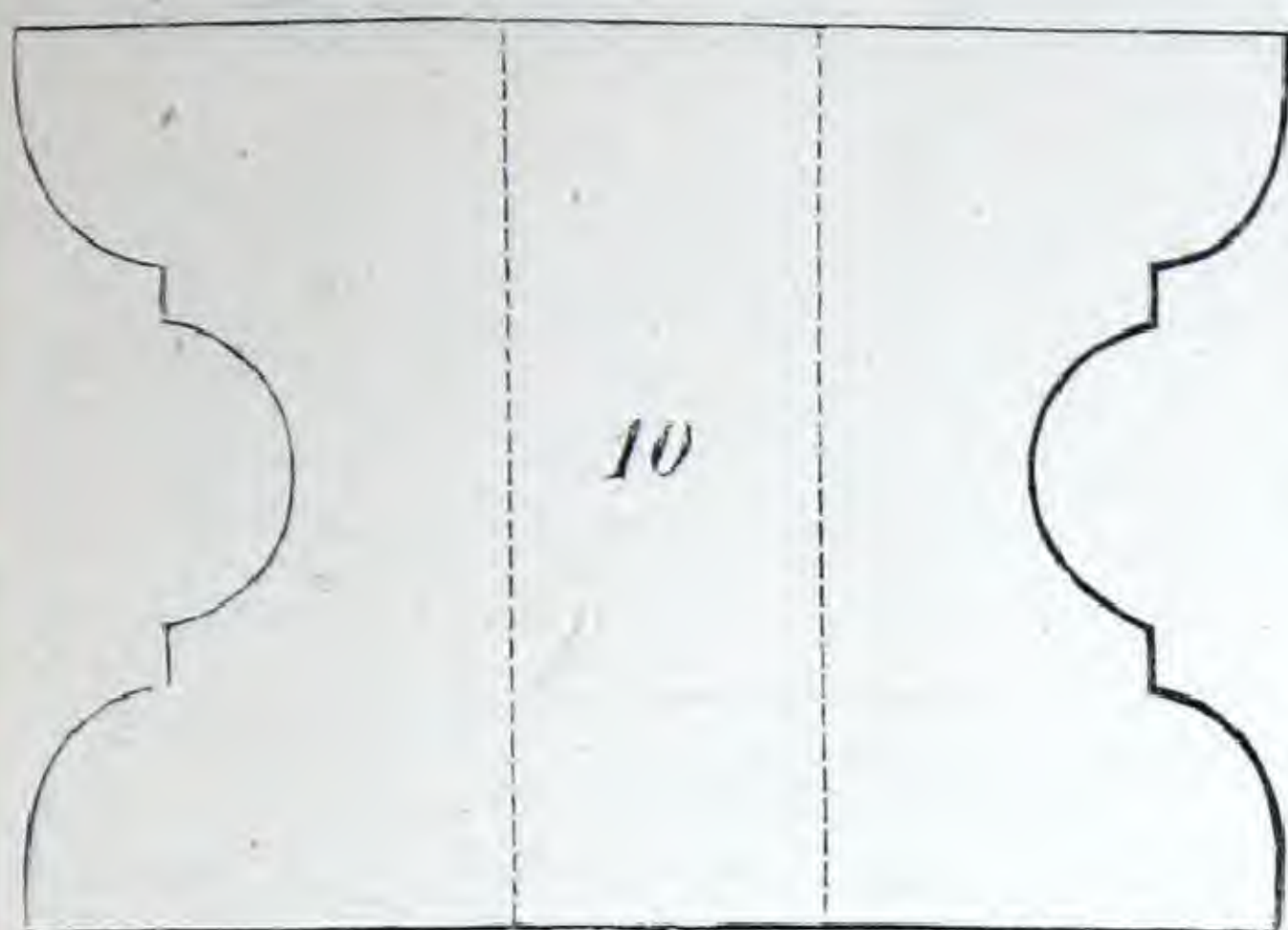
Cutters used for Moulding Scroll Work.

Cutters Nos. 100, 101, 102 and 103 go with each Bracket Moulding Attachment, free.

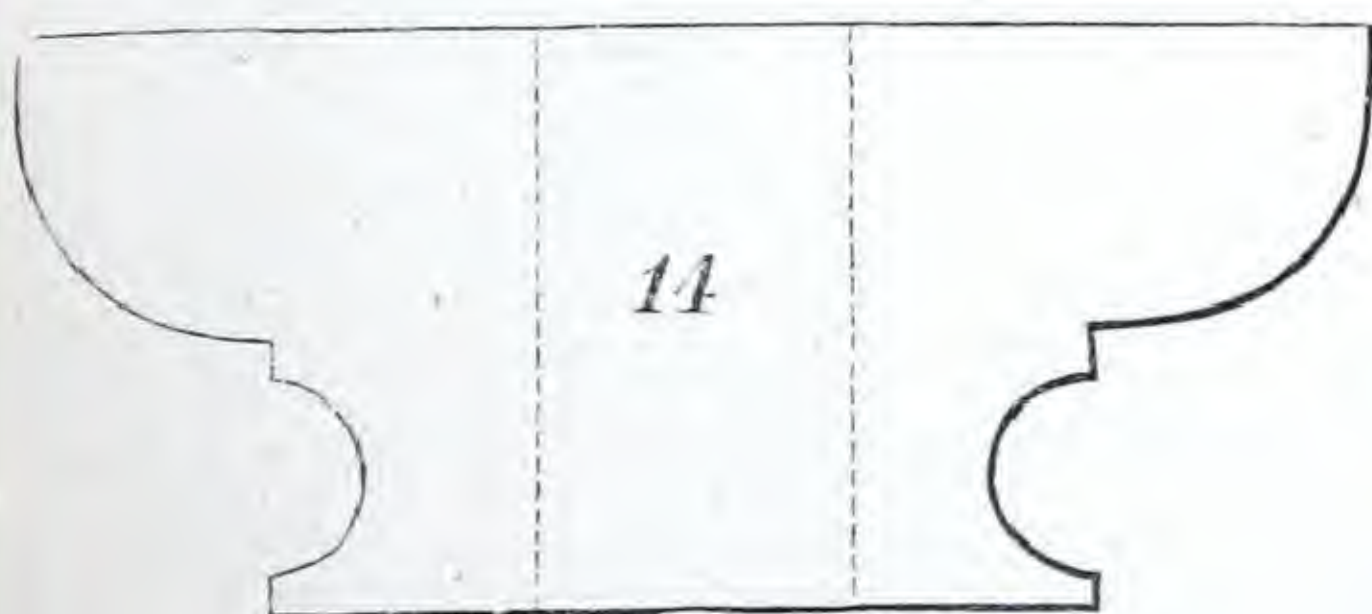
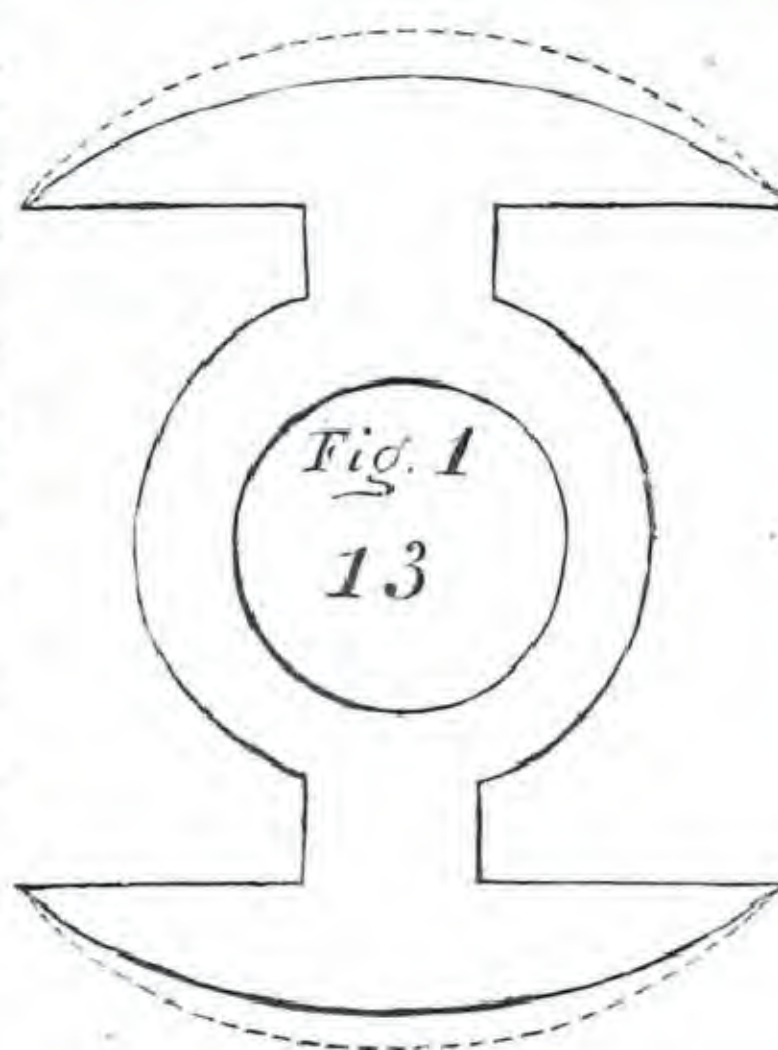
Three No. 70 Cutters (see page 10) go with each Dovetailing Attachment, free.

DIAGRAMS OF CUTTERS USED WITH BOULT'S MACHINE.



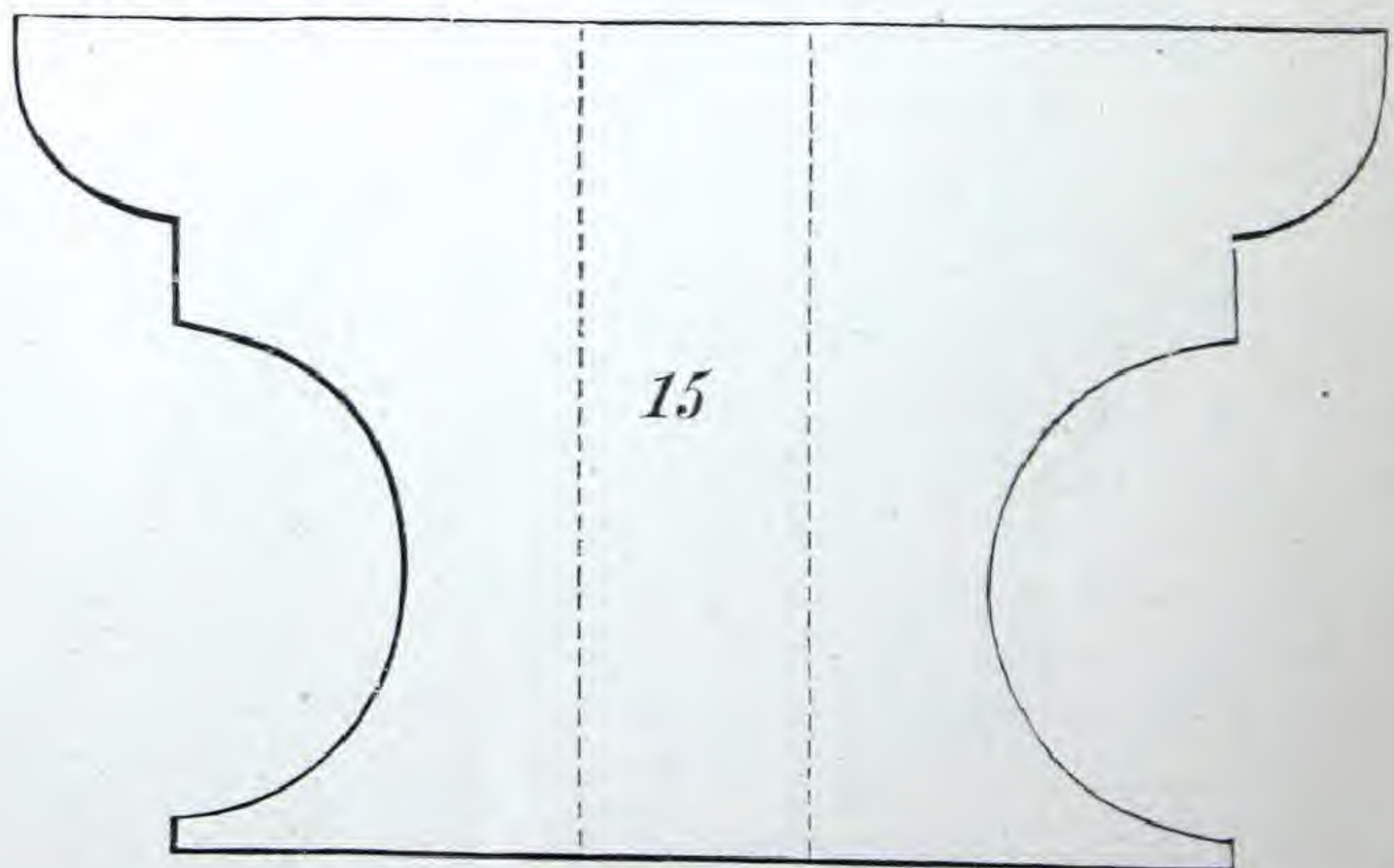
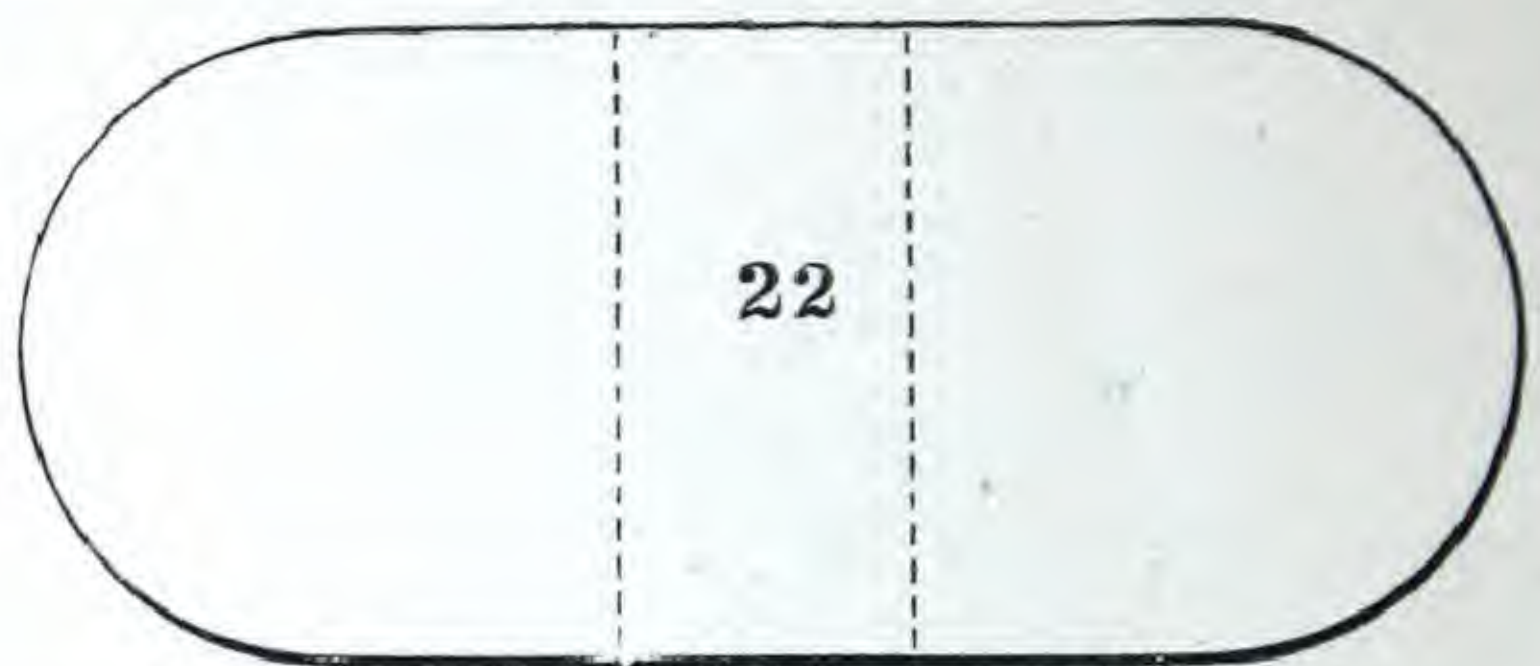
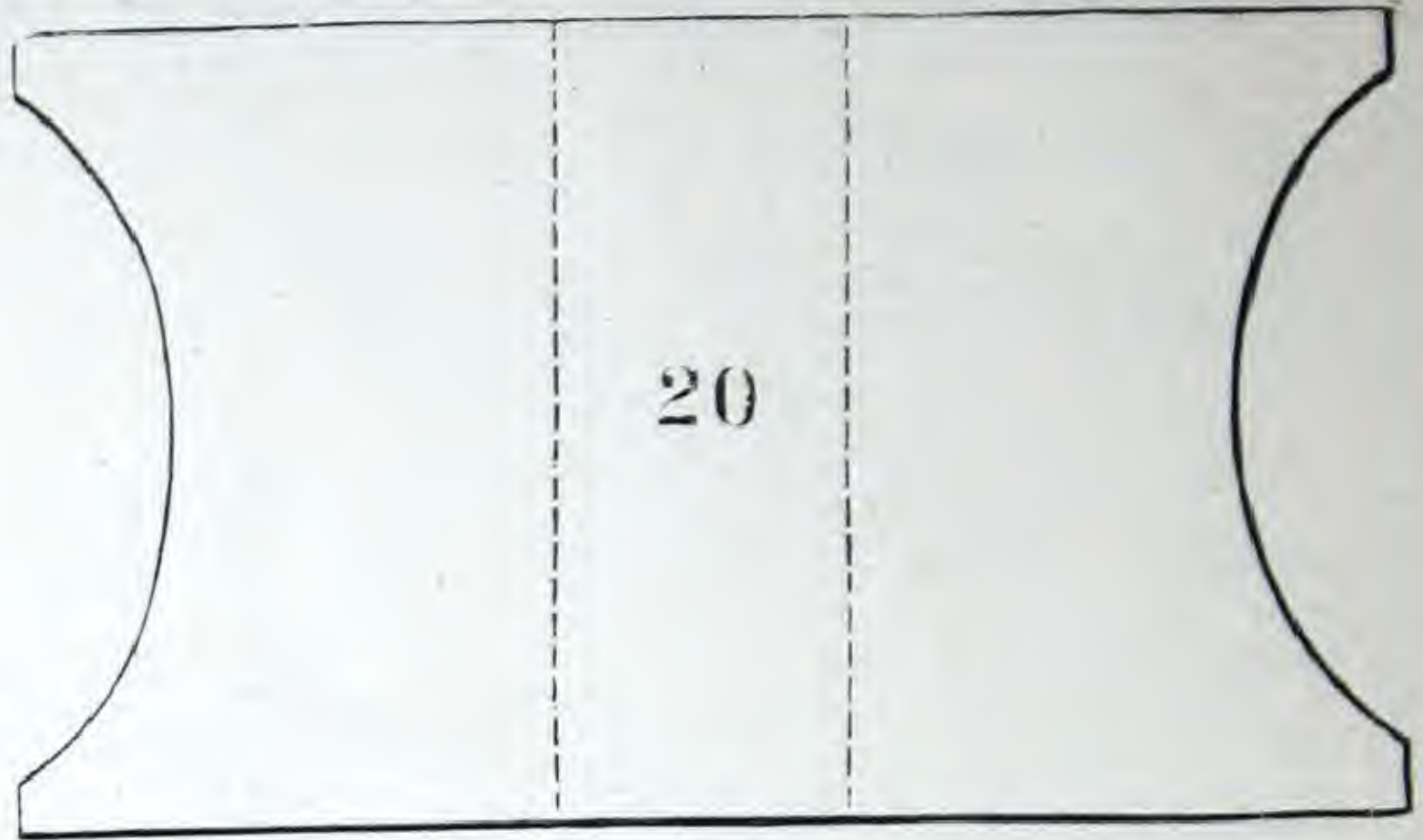
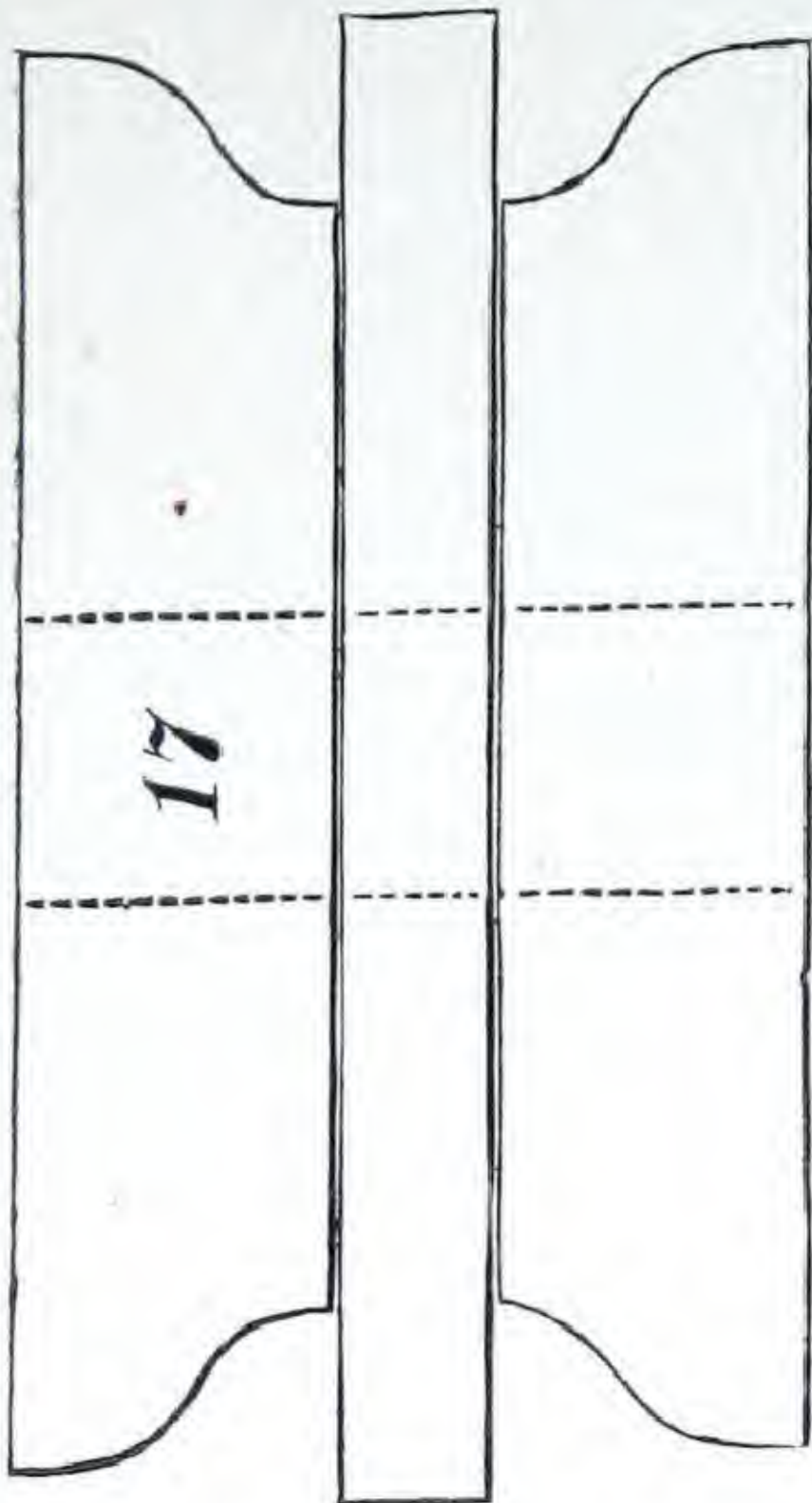


The dotted lines in Fig. 1, No. 13, show the amount we free all of our cutters so that they will not bind or burn.



No. 12, Sash Cutter, made in three parts, which can be use separate or together

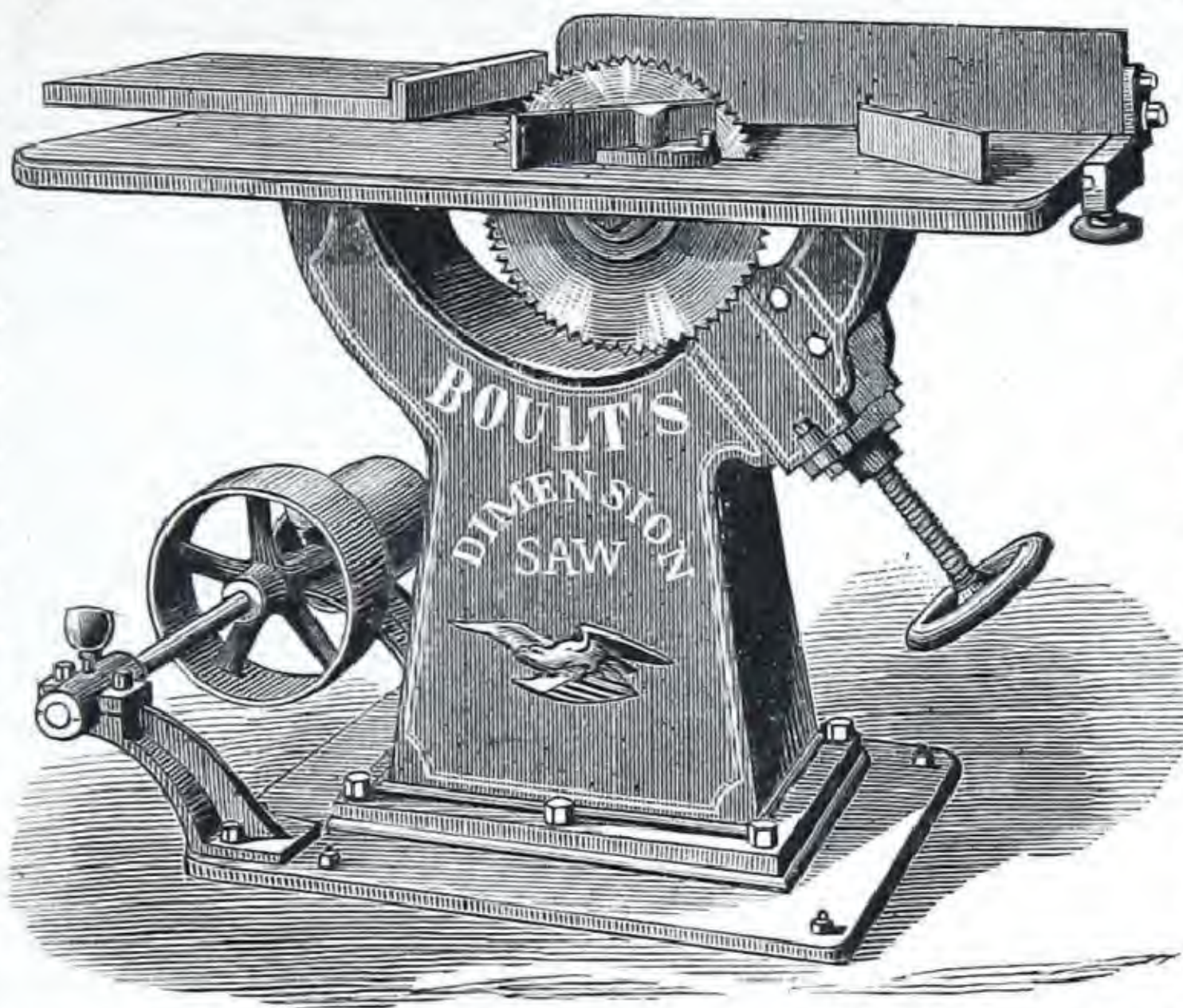




BOULT'S DIMENSION SAW.

The new Dimension Saw herewith illustrated has been designed with special reference to the unlimited and varied demands on the Circle Saw in every Factory, and has been supplied with all the conveniences and facilities which experience and observation could suggest, for the purpose of at once making it one of the most convenient and desirable of tools. It has a solid Iron Frame, designed expressly for the purpose, which is a guarantee against vibration and getting out of shape.

It has an Iron Top which is planed true and smooth, and pivoted to the back end of the frame in such a way that it can easily be kept in line with the Saw and easily raised whenever necessary to get at the mandrel for adjustment of boxes, &c.



It has a graduated gauge for common ripping, ranging from 1-32 of an inch to 20 inches; this gauge is pivoted and graduated to saw any desired bevel or shape; it can be set to any position or width, or can be removed from the table in a moment's time.

A substantial, nicely fitted gibbed slide runs lengthwise of the table, to which is attached one or more graduated angle gauges, for cutting Mitres, Squares, Hexagons, Octagons, &c., cutting both angles (right and left) without laying down the work.

There is also provided a sliding cut-off table for squaring up stuff and for general dimension work. Either of the attachments can, when fitted for a certain kind of work, be removed and others put on and replaced without loss of time in re-adjusting.

The saw mandrel rests in a solid frame; has a full length bearing; is supplied with an oil well and self feed device. It is readily adjusted with a hand wheel to allow the saw to come any desired height above the table for grooving, rabbeting or slitting.

The Mandrel Frame is set at such an angle to the counter-shaft that the length of the belt is not changed when the position of the mandrel is varied.

A throat piece is provided in the top through which the saw projects, which can be removed whenever it is necessary to change or remove the saw for the purpose of using a Wabbling Saw, Dado Head, or other device; the opening to be filled in the meantime with a substantial wood throat piece having the necessary opening through it for the tool used.

The parts are all strong and durable, and no pains have been spared to make it the most desirable Saw Table in the market, for a variety of work, having sufficient capacity and facilities for all the ordinary requirements of a Factory, and is offered at a low price in comparison with the facilities afforded.

Price, including one 12 in. saw and counter-shaft, \$175.00.

Battle Creek, Machinery Co. Sole Manufacturers, Battle Creek, Mich.

TESTIMONIALS.

Wouldn't Take a Thousand Dollars for it.

Uniontown, Pa., May 24, 1874.

Battle Creek Machinery Co.

GENTLEMEN—I am delighted with Boulton's Carving, Paneling, and Dovetailing Machine, and would not take one thousand dollars for it, if I could not get another.

Yours respectfully,

WM. A. MOUCK.

No Other Machine Combines the Various Styles of Work.

New Haven, Conn., Aug. 4, 1874.

Battle Creek Machinery Co.

GENTLEMEN—A year's experience in the use of Boulton's Patent Moulding, Carving, Paneling and Dovetailing Machine enables us to say that we have found it a very useful and desirable machine for a place in which general architectural wood work is manufactured. We have used it to good advantage in paneling counters, desks, etc. Also find the dovetailing attachment to work very satisfactorily. We know of no other machine combining the various styles of work which the one we purchased of you will or can perform with any better satisfaction.

Yours truly,

LEWIS & BEECHER CO.

per Edward C. Beecher, Treas'r.

Leaves its Work in a Finished Condition.

Commissioner's Office, Illinois State House.

Springfield, Ill., July 30, 1874.

Battle Creek Machinery Co.

GENTLEMEN—I have used Boulton's Patent Moulding, Paneling and Dovetailing Machine, bought last spring, in all its specialties, except carving, and it works to my entire satisfaction. It leaves its work in a very finished condition, (ours being all hard wood). Your cutters are also the best we can get. I cheerfully recommend both cutters and machine to any and all who are interested in that kind of work.

Yours truly,

E. S. CROSS,

Sup't of Wood Work, New Illinois State House.

Far Superior to any other Machine.

Batavia, Ill., Aug. 3, 1874.

Battle Creek Machinery Co.

GENTLEMEN—I can scarcely express in words my appreciation of Boulton's Patent Carving and Moulding Machine. Having used the Bracket attachment only, I say without hesitation that it is far superior to any other machine I have ever examined for that specialty. Indeed I cannot conceive how a machine could be made to work any better. You have cheerfully my recommend in every respect.

Respectfully,

D. W. STARKEY.

Most Perfect of Perfect Machines.

Binghamton, N. Y., Aug. 3, 1874.

Battle Creek Machinery Co.

GENTLEMEN—Since we commenced using Boulton's Carving, Moulding and Dovetailing Machine last April, we have used it constantly and have found it the most perfect of perfect machinery. We have used it in edge moulding, paneling, routing and dovetailing, and if the machine has any specialty we have not found it, as it does all its work perfectly in all cases. Our belief is that no cabinet factory that does any amount of business can afford to be without it, as in dovetailing alone it will soon pay for itself.

Yours truly,

SEABURY & CO.

Its Adaptation almost Endless.

Hillsborough, Ohio, Aug. 3, 1874.

Battle Creek Machinery Co.

GENTLEMEN—We consider Boulton's Patent Moulding, Carving, Paneling, and Dovetailing Machine invaluable. It does all that we expected of it, and much more. Its adaptation is almost endless, though we find most use for it in shaping and moulding.

Very respectfully,

UTMAN, JEANS & CO.

Your Solid Cutters do Better and Smoother Work than the Old Style.

U. S. Arsenal, Rock Island, Ill., July 31, 1874.

Battle Creek Machinery Co.

GENTLEMEN—I have been using your Boulton's Patent Moulding, Carving, Paneling and Dovetailing Machine, about three months, and it gives entire satisfaction. The solid steel cutters are an improvement upon the old ones, and do better and smoother work.

Very respectfully your Ob't Serv't,

D. W. FLAGLER.

Brevet Lt. Col. U. S. A. Comd'g.

The best Machine ever gotten up for General Wood-work.

Indiana, Pa., Aug. 11, 1874.

Battle Creek Machinery Co.

GENTLEMEN—The Boulton's Carver and Moulder we bought of you last March gives entire satisfaction. This machine will pay for itself, even in a small shop, within one year. We would not be without one, with all the attachments. It is the best machine ever gotten up for general wood-working purposes. Your solid steel cutters also work well; don't break easily; make smooth work and are not liable to draw in the hand of the operator like other shapers. In fact this machine don't need to be praised, as it is fully what it is represented, if not more. Please send us cutters as follows.

Yours very truly,

HELLRIEGEL HOOK & CO.

Best Machine we Ever Saw,

Cornish, Me., Aug. 26, 1874.

Battle Creek Machinery Co.

GENTLEMEN—Please send us cutters as follows. *
* * Your Boult's Moulding Machine works splendidly. It is the best machine of the kind that we ever saw. Please send us the cutters as soon as possible and oblige,
Yours respectfully,
HATCH & MORRELL.

No Furniture Manufacturer Should be without One.

St. Joseph, Mich., July 29, 1874.

Battle Creek Machinery Co.

GENTLEMEN—Your Boult's Patent Moulding, Carving, Paneling, and Dovetailing Machine is the best machine I ever saw. It is a most complete dovetailing machine, and no furniture manufacturer should be without it. The one you sold me gives complete satisfaction.

Very respectfully yours,
M. H. CUSHMAN.

There is no End to its Variety.

Jersey City, N. J., July 27, 1874.

Battle Creek Machinery Co.

GENTLEMEN—I am perfectly satisfied in every way with the Boult's Patent Moulding, Carving and Paneling Machine I bought of you. There is no end to the variety of work it can be made to do. Very respectfully,
S. VAN BEUREN.

All Right in Every Respect.

Dayton, Ohio, Aug. 12, 1874.

Battle Creek Machinery Co.

GENTLEMEN—I have been using Boult's Patent Moulding, Carving, and Paneling Machine, for six months and find it all right in every respect, giving entire satisfaction in every variety of work on which I have wanted to use it.
Yours truly,
C. W. WIGHT.

It is all you Claim for It.

Middletown, Conn., July 27, 1874.

Battle Creek Machinery Co.

GENTLEMEN—The cutters arrived by express last night. Accept our thanks for your promptness in filling our orders. We wish to express our entire satisfaction, not only with your manner of doing business, but also with the Boult Carver and Moulder. We have used it for shaping, paneling, and bracket moulding, and pronounce it all that you claim for it. We should hardly know how to run our planing mill without it. The cutters made by you give equal satisfaction and cannot be beaten. We take great pleasure in showing and recommending your work. Wishing you great success, we remain
Yours respectfully,
HUBBARD BROS.

A Paying Investment for Every Shop doing Business.

Office of Pullman Car Mfg. Co.

Detroit, January 26, 1873.

Messrs. Burnham & Hyde:

GENTLEMEN—We are using one of Boult's Carving, Paneling, Irregular Moulding, and Dovetailing Machines, and we are well pleased with its work, and consider it a paying investment for any cabinet, car, or joiner shop, that is doing business. Yours truly,
C. F. ALLEN, General manager.

The Cutters the Best we ever Used.

Leavenworth, Kan., Aug. 7, 1874.

Battle Creek Machinery Co.

GENTLEMEN—We have been using your Boult's Patent Moulding Machine and are well pleased with it. It does its work well. Your steel cutters are better than any we have used made elsewhere.

Respectfully,
ABERNATHY BROS.

Complete in Every Detail.

Niles, Mich., July 25, 1874.

Battle Creek Machinery Co.

GENTLEMEN—We consider your Boult's Carver and Moulder one of the very best of machines—complete in every detail—and do not hesitate to pronounce it a perfect success. We are very much pleased with it, and our foreman says he would not do without it. We cheerfully recommend it to all bedstead makers.

Yours respectfully,
NILES FURNITURE CO.

It gives Entire Satisfaction.

Cleveland, Ohio, Feb. 14, 1872.

Burnham & Hyde:

GENTLEMEN—Boult's Machine, started in our works in December last, we have used as yet only for special routing work in hard wood. In this work it gives us entire satisfaction, quickly and accurately doing and finishing what before had to be done by hand, at great expense of time and labor, and with less uniformity of finish.

H. T. CALFLIN,
Supt. Cleveland Bridge and Car Works

Would Have One if we did not Have Work for it more than 6 Hours a Week.

Office of the Derrick & Felgemaker Pipe Organ Co.

Erie, Pa., Feb. 15, 1873.

Burnham & Hyde:

GENTLEMEN—Boult's Machine is fully up to your claims for it. It is substantially made, well finished and works well. The variety of work to which it is adapted, the perfection in finish of the same, quick adjustment for various classes, all make it the most desirable machine of the class known to us. If we did not have work to run one more than six hours per week, we would not do without it for twice its cost.

Yours respectfully,
S. L. DERRICK,
President and Gen'l Supt.

Comes fully up to our Expectations.

Nashville, Tenn., Aug. 6, 1874.

Battle Creek Machinery Co.

GENTLEMEN—We are well pleased with the machine we bought of you, and would not be without it. It comes fully up to our expectations and does its work well.

Respectfully,
WEAKLEY & WARREN.

Gives Entire Satisfaction.

Akron, Ohio, June 13, 1873.

Burnham & Hyde:

GENTLEMEN—Enclosed we hand you check of \$142, in part payment of the Boult's Moulding, Carving, Paneling, and Dovetailing Machine bought of you. The machine gives entire satisfaction.

Very respectfully,
MILLER THOMAS & CO.

Works to our Satisfaction.*Richmond, Ind., July 28, 1874.***Battle Creek Machinery Co.**

GENTLEMEN—The Boult's Carver and Moulder bought of you recently works to our satisfaction. We are very much pleased with the machine.

Yours truly,
J. M. HUTTON & CO.

As a Dovetailer, gives Entire Satisfaction.*Grand Rapids, Mich., Feb. 13, 1873.***Burnham & Hyde:**

GENTLEMEN—Boult's Carver and Moulder we bought of you we have been running over a year. We have used it most of the time on dovetailing. For that and other work for which the machine is adapted, it gives entire satisfaction.

Respectfully,
BERKEY & GAY FURNITURE CO.

Does a Large Variety of Work and does it Well.*Cleveland, Ohio, Feb. 11, 1873.***Burnham & Hyde:**

DEAR SIR—We have used constantly Boult's Moulding Machine purchased of you last September, and we do not hesitate in saying that it is capable of doing a large variety of work and doing it well.

Respectfully,
JEWETT & GOODMAN.

Cutters Superior to Others.*Detroit, Nov. 4, 1872.***Burnham & Hyde:**

GENTLEMEN—Since receiving Boult's Patent Carving Machine, we have kept it constantly running as a panel raiser, and it gives us good satisfaction. Your cutters we find superior to any others we have used; and we cheerfully recommend both Moulding Machine and Cutters to other manufacturers.

Yours very truly,
SIMMONS & CLOUGH ORGAN CO.

It has no Equal.*Office of the Howe Sewing Machine Co.**Peru, Ind., Nov. 7, 1872.***Burnham & Hyde:**

GENTLEMEN—We are very much pleased with Boult's Patent Moulding Machine purchased of you last spring. We have used it for carving and moulding, and think it has no equal for that kind of work. The cutters we regard as superior to any we have used. In fact we are perfectly satisfied with the machine, and cheerfully recommend it to any one wishing a machine of its kind.

Yours truly,
E. D. OLIN, Manager.

The whole Arrangement a Success.*Chicago, July 12, 1872.***Burnham & Hyde:**

GENTLEMEN—We have had one of Boult's Moulding, Carving, and Dovetailing Machines in use in our shops for over a year, and now pronounce it to be a most valuable assistant in all machine shops for wood work. We consider the whole arrangement a success. We also think your cutters for moulding, routing, and dovetailing, as much of a success as the machine itself. We shall be glad at any time to show the machine in work to any person you may send here.

Yours respectfully,
CHAS. J. McALISTER,
Supt. Thayer & Tobey Furniture Co.

One of the Best Machines in Market.*South Bend, Ind., Aug. 28, 1873.***Battle Creek Machinery Co.**

GENTLEMEN—We have one of Boult's Moulding and Paneling Machines in our factory and consider it one of the best machines of the kind in the market. Your solid steel cutters also give good satisfaction. Being freed they work easily and smoothly.

Very respectfully,
KNOBLOCK BROS. MFG CO.

The Cutters Please us Very Much.*South Bend, Ind., Aug. 18, 1873***Battle Creek Machinery Co.**

GENTLEMEN—Please find enclosed P. O. Order for \$8.00 to balance account of July 24. The cutters please us very much and shall order others as we want them.

Respectfully yours,
SOUTH BEND FURNITURE CO.

Solid Steel Cutters Work Well.*Erie, Pa., Aug. 25, 1873.***Battle Creek Machinery Co.**

GENTLEMEN—We have been using one of your Boult's Patent Moulding Machines for several months, and take pleasure in saying it has given us good satisfaction. The solid steel cutters work very well indeed.

Yours very respectfully,
ERIE CHAIR CO.

No End to the Purposes for which it may be Used.*Davenport, Iowa, Sept. 1, 1873.***Battle Creek Machinery Co.**

GENTLEMEN—I have been using Boult's Carver and Moulder for more than a year and a half, to my great satisfaction. It does all you say it will, and more. The purposes to which it may be applied, aside from moulding, carving, paneling and dovetailing, are numerous and important.

Yours respectfully,
DANIEL GOULD.

Have bought two and they are the Best Paying Machines in my Factory.*St. Louis, Mo., Feb. 11, 1873.***Burnham & Hyde:**

GENTLEMEN—In regard to your so-called Boult's Carving and Dovetailing Machine, I would say that in December, 1871, I bought one of them, and used it a year with perfect success. In December, 1872, I concluded to buy one more of them, and as I write this both are in full motion. They are, without "blowing" the two best paying machines in my factory.

Yours respectfully,
JOSEPH PETERS,
Furniture Manufacturer

Works nicely, is Easily Handled, and Does All Required.*Chicago, March 23, 1873.***Burnham & Hyde:**

GENTLEMEN—The Boult's Carving and Moulding Machine we bought of you works nicely. It is easily used, being simple, and yet does all we require. The cutters work well. The machine is well made, and gives abundant satisfaction.

Very truly yours,
H. S. CARTER & CO.,
General Furniture Manufacturers.

The Best Machine we have Ever Seen.

Chicago, Sept. 1, 1873.

Battle Creek Machinery Co.

GENTLEMEN—We have used one of Boults Patent Moulding, Carving Paneling and Dovetailing Machines for the last two years, and we recommend the same as one of the best machines we have ever seen. Also the solid steel cutters we can recommend as the best made. We prefer them to any others.

Yours truly,

PATZACK & SCHULZ.

Gives Perfect Satisfaction.

Indianapolis, Ind., Feb. 14, 1873.

Burnham & Hyde:

GENTLEMEN—We have used Boults Patent Moulding, Carving and Paneling Machine for the last six months with perfect satisfaction. It does all the work that is claimed for the machine and cutters.

Respectfully,

SPIEGEL, THOMS & CO.

Rapidity, Good Quality, and Great Variety of its work.

South Framingham, Mass., Sept. 18, 1874.

Battle Creek Machinery Co.

GENTLEMEN—We take pleasure in saying that your Boults Patent Moulding, Carving, Paneling and Dovetailing Machine gives entire satisfaction. For range of work it is unsurpassed, doing Carving in numerous styles, Variety Moulding of any kind, Paneling in any shape desired, and making a strong and handsome Dovetail. The rapidity, great variety, and good quality of its work, at once make it a favorite machine. Your solid steel cutters have given us equal satisfaction. Their durability is recommendation enough to insure their popularity. Hoping your machine may continue to receive the favor it so well merits,

We remain yours,

EVANS & VARNEY.

It adds to the Enrichment of the Work Without increasing the Cost.

Louisville, Ky., March 30, 1872.

Burnham & Hyde:

GENTS—We cheerfully say to you that Boults Patent Carving and Moulding Machine we have in use excels the recommendation of the patentee, and our own expectations of its usefulness when we purchased it. We use it for paneling wide bottom rails of sash, ornamenting door panels, drawer fronts, brackets, scroll balusters, tracing, and a variety of other work, all of which has been done so much better and cheaper than could be done by any other machine that we have been able to add to the enrichment of our styles of work without increasing the cost. We are highly pleased with the machine, and will take pleasure in recommending it whenever called upon to do so.

Very truly yours,

DAVIS, STORTS & CO.

Proprietors Kentucky Planing Mill.

It will do Anything Required of it.

Chicago, Ill., Sept. 1, 1874.

Battle Creek Machinery Co.

GENTS—After an extended trial of Boults Moulding, Paneling and Dovetailing Machine, it gives us pleasure to be able to say to you, we are more than pleased with it. As a variety moulder in the hands of a skillful workman, it can be made to do any work required of it in our Manufactory. As a Paneling and Dovetailing Machine, with your improved Cutters, its work is perfect.

Yours truly,

A. H. ANDREWS & CO.

It has More Than Paid for itself in Six Months.

St. Joseph, Mo., Aug. 25, 1874.

Battle Creek Machinery Co.

GENTLEMEN—I am using Boults Carver for so many purposes, that I cannot say for which it is best adapted. It fills our bill completely, and when I tell you that several Cabinet Makers send their lumber to me to be paneled and moulded, you may infer that the work suits them. In short, it has more than paid for itself in six months use. Your patent cutters all work well and give satisfaction. Hoping you may be able to introduce them extensively and reap a fitting reward, I am

Yours truly,

JOHN DECLUE,

Proprietor St. Joseph Planing Mill.

Much Ahead of Other Machines.

South Bend, Ind., April 9, 1872.

Burnham & Hyde:

GENTS—I find your Moulder and Carver to be indispensable in the manufacture of cabinet furniture. I consider the machine better adapted to that class of work than any other machine in the market, it doing a great variety of work, being easily adjusted to the different kinds, and for paneling and ornamenting bureaus, stands etc., I find it much ahead of other machines with which I am acquainted. Wishing you success, I remain,

Yours truly,

JOHN G. RILLING,

Manufacturer of Furniture.

For Moulding, Bracket & Fret Work.

Dayton, Ohio, March 28, 1872.

Burnham & Hyde:

GENTS—I have been using Boults Carving and Dovetailing Machine, and am well pleased with it in all its various workings. As regards the moulding of brackets and fret work, I think it excels all other machines.

Very truly yours,

D. F. GIDDINGS,

Mechanic for Nat. Asylum for Disabled vol. Soldiers.

Perfectly Safe to Use.

Cedar Rapids, Iowa, April 26, 1876.

Battle Creek Machinery Co.

GENTLEMEN—The Boults Carver you sent me has proved to be the best tool of its class in our town. I operated on it some myself, and I find I can do more and better work in a given length of time than on the ordinary shaper. One thing we like is the solid knives. None have been broken or got out of order. More than this, no one has had his hands drawn in and cut as is so often the case with the ordinary cutters. In fact, I believe the cutters far superior to the old style and almost perfectly safe to use. This ought to sell them, as it is well known that workmen on the ordinary shapers are in constant fear of being caught in the knives. Hoping you will have a large sale of this splendid

tool I am,

Yours Respectfully,

E. C. DRAPER.

Dovetailing Can't be Beat.

Mishawaka, Ind., July 19, 1872.

Burnham & Hyde:

GENTS—We have been using, for some time one of Boults Carving, Moulding, and Dovetailing Machines, and find it to be very useful and economical in the manufacture of furniture. The Dovetailing cannot be excelled for making perfect and strong joints. The knives are much the easiest and smoothest working of any we have found.

Truly yours,

L. HARVEY,

Sec. Mishawaka Furniture Co.

Can Cut One Inch Deep by Three Inches Wide at One Cut.

St. Joseph, Mo., Aug. 2, 1873.

Battle Creek Machinery Co.

GENTLEMEN—We send orders for Cutters as follows.
* * * We think we have accomplished greater work on your machine (Boult's Patent Carver and Moulder) than has ever been done on it before. We can cut one inch deep by three inches wide the first cut, and in hard walnut lumber, and make a finish the first round. We will send you photograph of \$500.00 chamber set that we made almost wholly on the machine, in a few days.

Yours respectfully,

S. & M. K. BENNETT.

More Simple and Less Liable to Get out of Order than Other Machines.

St. Johns, Mich., April 4, 1872.

Burnham & Hyde:

GENTS—We take pleasure in recommending Boult's Carver and Moulder as a perfect success in the capacity for which it is intended by the manufacturers, and find it much more simple and less liable to get out of order than any other machine we have examined. The cutters are an invaluable attachment with which to do fine work.

Yours truly,

D. S. FRENCH,

Sec. St. Johns Manufacturing Co.

Accomplishes many of the most difficult feats of Wood-working.

Jamestown, N. Y., Aug. 11, 1873.

Battle Creek Machinery Co.

Yours of the 8th inst. requests our opinion of the Boult Carving, Moulding, Paneling, and Dovetailing Machine. We are glad of the opportunity to say that it entirely accomplishes many of the most difficult feats of wood-working, and that in our establishment it has already more than paid its cost; besides enabling us to offer our customers goods of more beautiful designs at lower prices. It is one of those machines, that associated with intelligent mechanics, will be constantly put to new uses, and become as useful in a factory as a "new milch cow in a family." We can hardly think of a wood-working business of much magnitude that can afford to be without it.

Yours &c.,

D. C. & J. W. BREED & CO.

As a Dovetailer.

Chicago, March 5, 1872.

Messrs. Burnham & Hyde:

We are well pleased with your machine as a dovetailer, but have not tried its moulding capacity yet.

Respectfully,

J. KOENIG & CO.

Furniture Manufacturers.

Not Difficult to Learn to Run.

Office Battle Creek Table Co.

Battle Creek, Mich., Sept. 1, 1873.

Battle Creek Machinery Co.

GENTLEMEN—When we first put in your Boult's Patent Carving, Moulding, Paneling, and Dovetailing Machine, there was not a man in the factory who understood how to run it; but this difficulty has been obviated, and the machine has performed to our entire satisfaction all that we have required of it. We are glad of the opportunity of saying that as a wood-working machine, and for general and ornamental work, it stands unrivalled.

Very Respectfully,

GEO. H. ROWELL,
Manager.

Most Perfect and Available Machine we ever used.

Lima, Ohio, March 23, 1872.

Messrs. Burnham & Hyde:

It is with pleasure that we fully recommend Boult's Carving and Moulding Machine as being the most perfect and generally available of any machine we have ever used. Could not do without it. Respectfully,

NEWEL & HERRITT.

Wholesale and Retail Furniture Manufacturers.

A Perfect Success in all Branches.

Chicago, May 20, 1872.

Burnham & Hyde:

GENTS—Your favor inquiring about my success with the Boult's Carving and Moulding Machine, is at hand. In reply would state that I have been perfectly successful with it in all branches of my business, and find it will do all you claim for it. I could not do without it.

Respectfully,

F. R. WOLFINGER,

Manufacturer of Sewing Machine Furniture.

It will do More and Better Work with less power than any Machine we Ever Saw.

Waterloo, Ind., Sept. 24, 1873.

Battle Creek Machinery Co.

GENTS—The Boult's Patent Moulding Machine we bought of you is a tip top machine. It is well made, runs well, and does good work. The cutters work smoothly and freely, and keep a good edge. We are well pleased with it in every respect, and recommend it with pleasure to any one wanting an upright Moulding or Dovetailing Machine. It will do more and better work, and with less power, than any machine we ever saw.

Yours truly,

BASSETT & McANALLY.

Cincinnati, March 29, 1872.

Burnham & Hyde:

GENTLEMEN—Our experience with Boult's Patent Carving and Moulding Machine has been, so far, entirely satisfactory.

Respectfully,

THOS. GILPIN & CO.,

Proprietors Miami Planing Mill.

It gives Perfect Satisfaction.

Milwaukee, Wis., March 25, 1872.

Burnham & Hyde:

GENTS—Your favor of the 21st inst., asking as to the use of Boult's Carver and Moulder in my factory, is at hand. I have much pleasure in stating that during the time we have had the machine in use, for some months past, I find it gives perfect satisfaction for sash, door and blind work, and fully carries out all that has been represented for it.

Yours truly,

JOHN HILES,

Sash, Door and Blind Manufacturer.

We are Well Pleased with It.

Fort Wayne, Ind., March 23, 1872.

Burnham & Hyde:

GENTS—So far as we have tried your machine, we are well pleased with it, and we are certain that it will be a great saving to us in time, labor and material.

COCHRANE, HUMPHREY & CO.,

Manufacturers of Sash, Doors, Blinds, &c.

The Best Machine We Ever Saw.

Corry, Pa., Sept. 11, 1873.
Battle Creek Machinery Co.
GENTS—In regard to your machine, we like it very much, and consider it the best machine we know of for the purposes intended.
Yours truly,
CORRY FURNITURE CO.

Indispensable in the Manufacture of Furniture.

Chicago, Sept., 22, 1873.
Battle Creek Machinery Co.
GENTS—Your favor of the 18th ult., asking our views as to the merits of Boulton's Carving, Paneling, Moulding, and Dovetailing Machine, was duly received. In reply would say that during the time (over seven months) we have had the machine in use, we have found it indispensable in the manufacture of furniture. We are using it in nearly all of its various workings, and it gives perfect satisfaction. Especially in surface paneling and dovetailing it cannot be excelled by any other machine in use. We would not be without one. Wishing you much success, we remain,
Yours very truly,
A. MATUSKA & CO.

We Like it Very Much.

South Shaftsbury, Vt., Aug. 28, 1873.
Battle Creek Machinery Co.
GENTS—Your favor of the 20th inst., at hand. We are very well satisfied with Boulton's Patent Moulding, Carving, and Dovetailing Machine. We have used it for paneling, dovetailing, and shaping, and for these we like it very much.
Yours,
THE EAGLE SQUARE CO.

Good for Straight, Crooked, Heavy or Light Work.

Cincinnati, Ohio, Nov. 6, 1872.
Burnham & Hyde:
GENTLEMEN—I am well satisfied with your machine, as a moulder for straight or crooked, light or heavy, work.
Respectfully yours,
HARVEY JANES,
Bridge, Planing Mill, Door and Sash Factory, and Steamboat Cabinet Builder.

It will do Anything but Talk.

Hillsdale, Mich., Sept. 20, 1873.
Battle Creek Machinery Co.
GENTLEMEN—I have given Boulton's Patent Carving, Moulding, Paneling, and Dovetailing Machine a fair trial. It is wonderful, the amount of work we are turning off with it. Almost every day we find some new use for it. My foreman said the other day that it would do anything but talk. The solid steel cutters are a great improvement. They run steadily, and leave the work much smoother than other knives.
Truly yours,
HORACE BLACKMAR.

Does all its Work Satisfactorily.

Chicago, Aug. 19, 1873.
Battle Creek Machinery Co.
GENTLEMEN—Your favor of the 18th received. We have used one of Boulton's Carving and Moulding Machines for about one year, having it in operation nearly all of that time, and on a variety of work, principally moulding drawer fronts, and making dovetail joints, and also beading glass frames. We are well pleased with the machine, and find it performs all its work satisfactorily.
Yours,
SWAN, CLARK & CO.

Does its Work Neatly and Quickly.

Epsilanti, Mich., Sept. 9, 1873.
Battle Creek Machinery Co.
GENTS—In answer to your inquiries we would say that we have been running one of Boulton's Patent Moulding Machines for the past three years, and are much pleased with it. It does its work neatly and quickly, and is, we believe, all that is claimed for it.
Very respectfully,
EDWARDS, McKINSTRY & VAN CLEVE.

Does its work Quickly and Well.

Chicago, Sept. 17, 1873.
Battle Creek Machinery Co.
GENTLEMEN—After a thorough trial of Boulton's Patent Carving, Moulding, Paneling and Dovetailing Machine in all its different specialties, it affords us pleasure to state that it fully meets our requirements in every respect, doing its work quickly and well. The solid steel cutters do excellent service, and we should hardly know how to do without them or the machine. Wishing you every success, we are
Yours truly,
SUGG & BEIERSDORF,
Furniture Manufacturing Co.

The Most Important Machine in our Factory.

Delphos, O., Aug. 26, 1873.
Battle Creek Machinery Co.
GENTS—We are using Boulton's Patent Moulding, Carving, and Paneling Machine, and are highly pleased with it. It certainly is the most important machine in our establishment, and we know that it will do all that it is recommended to do in every particular. The same may be said of your steel cutters, as the machine would be useless without them.
Very respectfully,
J. W. FEELY,
Supt. Delphos Union Planing Mill.

It does all in the "Bill" and more too.

Cortland, N. Y., Sept. 16, 1873.
Battle Creek Machinery Co.
SIRS—We are running one of Boulton's machines as a shaping, paneling, and dovetailing machine. We are in every respect satisfied with it. It does to perfection all that it is advertised to do, and many other things "not in the bill." It changes so readily from one kind of work to another that we keep it in constant use.
Respectfully yours,
HAYES & DELOW.

It gives Entire Satisfaction.

Huntsville, Texas, Sept. 19, 1873.
Battle Creek Machinery Co.
GENTS—The Boulton's Patent Moulding, Carving, Paneling, and Dovetailing machine purchased of you gives entire satisfaction. It does all that is claimed for it.
Respectfully,
WARD, DEWEY & CO.

Easily Changed from one kind of Work to Another.

Guelph, Ontario, Aug. 28, 1873.
Battle Creek Machinery Co.
GENTS—We find the Boulton Patent Carving, Paneling and Dovetailing machine very useful to us, being easily changed from one class of work to another, and doing its work well and expeditiously. The cutters work first-rate. We like the machine very much.
Yours truly,
BURR & SKINNER,
Cabinet Makers.

We like the Cutters Well.*South Bend, Ind., July 31, 1873.*

Battle Creek Machinery Co.

GENTLEMEN—Enclosed find P. O. Money Order for invoice of July 28. We like the cutters well, and shall hereafter send you our orders.

VARIETY BRACKET WORKS.

We are Much Pleased With Machine and Cutters.*Lewiston, Pa., Oct. 26, 1874.*

Battle Creek Machinery Co.

GENTLEMEN—Please send me cutters as follows: *
* * * I am very much pleased with the machine and with the cutters. You can use my name in recommendation if you wish.

Yours truly,

WM. H. KELLER.

As a variety wood-working Machine it has No Equal.*Washington, D. C., March 7, 1876.*

Battle Creek Machinery Co.

GENTLEMEN—After using Boulton's Carving, Moulding, Paneling and Dovetailing machine for several years, we are fully enabled to say that as a variety wood-working machine it is without a peer. It has proved entirely satisfactory in all its arrangements, and is indispensable to our establishment.

Yours very truly,

W. P. WOOD & SONS.

It is double A No. 1.*Bellevue, Ohio, April 25, 1876.*

Battle Creek Machinery Co.

GENTLEMEN—We take great pleasure in saying that Boulton's Patent Moulding, Paneling and Dovetailing Machine gives us first class satisfaction. We have no machine that we prize more highly. It is double A No. 1.

Yours truly,

BELLEVUE FURNITURE CO.

No Costs for Repairs.*Richmond, Ind., Feb 14, 1876.*

Battle Creek Machinery Co.

GENTLEMEN—We have one of your Boulton's Moulding, Paneling and Dovetailing Machines, and are well pleased with it. We know of no better machine of the kind, and will say that it is in all respects equal to what the manufacturers claim for it. We have had daily use for the machine for three years, and the cost for repairs has been merely nominal.

Yours truly,

GEORGE H. GRANT & CO.

The most easily manipulated, quickly set, and Best Working Machine yet introduced.*Glensfalls, N. Y., April 3, 1876*

Battle Creek Machinery Co.

GENTS—We are using one of your Boulton's Paneling, Moulding and Dovetailing Machines. We find it a good serviceable machine; performing all that you claim for it, and more. The Cutters work easily and rapidly, without choking; leaving a smooth, even surface. We fully believe it to be the most easily manipulated, quickly set, and best working machine yet introduced for the purpose.

Yours truly,

SHERMAN & NORCROSS.

More and More Pleased.*Waverly, N. Y., April 12, 1875.*

Battle Creek Machinery Co.

GENTLEMEN—Please send us cutters as follows: * * *
We are more and more pleased with our machine.

Yours truly,

NOVELTY FURNITURE WORKS.

Could not get Along Without it.*North Weymouth, Mass., April 19, 1875.*

Battle Creek Machinery Co.

GENTLEMEN—Enclosed please find remittance for cutters sent us. The machine works well, and we should not know how to get along without it.

Yours respectfully,

READ & PHILLIPS.

Will Pay for Itself in Four Months.*Fairfield, Iowa, April 26, 1875.*

Battle Creek Machinery Co.

GENTLEMEN—Enclosed please find draft for \$117.35 and two notes in payment of machine. We are well pleased with it. The Dovetailer will pay for the machine in four months use.

Yours respectfully,

J. VOTE & CO.

Your Cutters are A No. One.*Indiana, Pa., Sept. 22, 1874.*

Battle Creek Machinery Co.

GENTLEMEN—* * * The cutters are A No. One. We don't want them any better. Will need more in a short time.

Yours truly,

HELLRIEGEL, HOOK & CO.

Gives Perfect Satisfaction.*Steubenville, Ohio, June 14, 1875.*

Battle Creek Machinery Co.

GENTLEMEN—The Boulton's Carver, Moulder and Dovetailer bought of you, is working nicely and gives perfect satisfaction.

Yours respectfully,

GEORGE PEARCE & SON.

Everything Highly Satisfactory.*Corning, N. Y., May 13, 1875.*

Battle Creek Machinery Co.

GENTLEMEN—Enclosed please find check for \$57.84 to balance account for moulding machine and cutters. Everything we have from you is highly satisfactory.

Yours respectfully,

J. H. DAMPF & CO.

After Two Years' Trial We can Find no Fault with Machine or Cutters.*York, Pa., April 26, 1876.*

Battle Creek Machinery Co.

GENTLEMEN—The many cutters which we have in use of your make, give entire satisfaction, and we shall not attempt to suggest improvement in any particular; and we can most cordially say the same of your entire Machine. After having thoroughly tried the Complete Machine, with all its attachments, for two years past, and in every variety of work to which it can be put, we can find in it no fault at all.

Very respectfully yours,

N. & C. H. WEIGLE.

Principle Right, and Workmanship Superior.

Brookville, Pa., Jan. 25, 1875.

Battle Creek Machinery Co.

GENTLEMEN—I cheerfully say to you that I am very much pleased with your cutters. The principle is not only right, but the workmanship is superior to anything of the kind I have ever seen. Shall order some more cutters soon.

Yours very truly,

O. BROWN.

Well Pleased with the Machine.

Cincinnati, Ohio, April 26, 1876.

Battle Creek Machinery Co.

GENTLEMEN—Yours of the 25th inst. is at hand. In reply would say, we have been running the Boults Patent Moulding and Paneling Machine, set by your Mr. Boults last October, with good success, and feel well pleased with the machine. We consider your solid steel Cutters are superior to any we have used for paneling.

Yours truly,

MITCHELL & RAMMELSBURG FUR. CO.

Have not Lost a Minute's Time or Spent Five Cents for Repairs.

St. Joseph, Mo., March 29, 1876.

Battle Creek Machinery Co.

DEAR SIRS—Yours of the 25th inst. covering invoice of Steel Cutters duly at hand. These solid Steel Cutters do their work splendidly. We have now used your Boults Carver in this factory for over six months, and have not lost a minutes time, nor spent five cents on it for repairs. In fact, I do not know how we could run the factory without it. Will have to have another as our business increases.

Yours truly,

J. B. HARRISON,
Supt. Missouri Valley Novelty Works.

A Valuable Acquisition to any Wood Working Establishment.

New Albany, Ind., March 20, 1876.

Battle Creek Machinery Co.

GENTLEMEN—I can but speak of your machine as a valuable acquisition to any wood working establishment, and cheerfully recommend it.

Respectfully yours,

JOHN SHRADER, JR.

Never Saw a Better Machine.

New York, March 22, 1876.

Battle Creek Machinery Co.

GENTLEMEN—I beg to say, that my friends in South America, to whom I sent the Boults Carver and Moulder, express themselves in the most pleasing manner, and even say that they never saw a better Machine, and especially the Cutters, which surpass all they ever have seen. Hoping to see you at the Centennial Exhibition at Philadelphia, I remain,

Yours respectfully,

H. C. FERNANDO ROHE.

The Best Machine in Use.

East Cambridge, Mass., Feb. 24, 1876.

Battle Creek Machinery Co.

GENTLEMEN—Boults Moulding and Dovetailing Machine, bought from you, is working to my entire satisfaction. It will do all you have claimed for it. It affords me much pleasure in recommending it as, in my opinion, the best machine in use.

Yours very truly,

W. L. LOCKHART.

Does all You Represented.

Philadelphia, Pa., Feb. 24, 1876.

Battle Creek Machinery Co.

GENTLEMEN—In relation to your inquiries, the machine will do all you represented, and is satisfactory. If you have made any additional improvements you will please inform us.

Very respectfully yours,

LEWIS THOMPSON & CO.

Gives Good Satisfaction.

Jackson, Mich., March 24, 1876.

Battle Creek Machinery Co.

GENTLEMEN—I would say that your Boults Carver gives good satisfaction.

Very truly yours,

H. GILBERT & SON,
States Prison Furniture Contractors.

If We Had n't one, Should Purchase one at once.

Connersville, Ind., Feb. 14, 1876.

Battle Creek Machinery Co.

GENTLEMEN—The machine you sold us has been in use four months, only for Paneling and Moulding. It gives entire satisfaction. If we had not one, should purchase at once.

Yours Respectfully,

WM. NEWKIRK,
Pres. Indiana Furniture Manfg. Co.

Office of the Estey Cottage Organ Manu'fy.

Brattleboro, Vt., Mar. 8, 1876.

Battle Creek Machinery Co.

GENTLEMEN—The Boults Moulder with the solid steel Cutters, gives us satisfaction.

Yours truly,

J. ESTEY & CO.

The Most Profitable Machine in the Market.

Dundas, Ont., March 23, 1876.

Battle Creek Machinery Co.

GENTLEMEN—We have one of Boults Moulding and Paneling Machines in our factory, and consider it one of the most profitable machines of the kind in the market. Your solid steel cutters also give entire satisfaction, and we have very great pleasure in recommending them.

Yours respectfully,

MERCER & CASEY.

I find it to be a First-Class Machine In All Respects.

Portland, Me., March 5, 1876.

Battle Creek Machinery Co.

GENTLEMEN—I have used your Carving and Moulding Machine over a year, and in all respects I find it to be a first-class machine, and take pleasure in recommending it to all those who are in want of a moulder. Your cutters, I also like very much. Please send me the six tools that I now order as soon as convenient.

Yours etc.,

W. H. STONE.

Your Cutters Please Us.

Columbus, Ohio, May 2, 1876.

Battle Creek Machinery Co.

GENTS—Inclosed find amount of last bill. The cutter suits well. Your cutters please us.

Respectfully,

J. FLICKINGER & SON.

Would not do without It for Twice its Price for Dovetailing Alone.

Little Falls, N. Y., Aug., 3, 1876.

Battle Creek Machinery Co.

GENTLEMEN—I have one of your Boulton's Patent Moulding, Paneling and Dovetailing Machines, and have used it long enough to appreciate its value. I would not do without it for twice its price for dovetailing only, to say nothing of moulding and paneling.

Allowing me to be the judge, the machine will pay for itself in a year. I don't see how anybody can manufacture furniture profitably without the "Boulton's Carver."

Yours respectfully,

JACOB MOLL.

It gives Perfect Satisfaction in Every Respect.

Washington, N. J., Apr. 5, 1876.

Battle Creek Machinery Co.

GENTLEMEN—We now have the Boulton's Carver bought of you in running order. It gives perfect satisfaction in every respect.

We find it just as represented, and we will cheerfully bear testimony to its merits at any time.

Yours respectfully,

ALLEGRE, BOWLBY & CO.

We take Pleasure in Recommending It.

New York, April 29, 1876.

Battle Creek Machinery Co.

GENTLEMEN—We are highly pleased with Boulton's Carving, Moulding, Paneling and Dovetailing Machine, and take great pleasure in recommending it to all persons requiring such a machine.

Very respectfully yours,

Dry Dock, East Broadway and Battery Railroad Co.
per. A. HANCE, Supt.

It Does its Work Well.

St. Cloud, Minn., April 10, 1876.

Battle Creek Machinery Co.

GENTLEMEN—The Boulton's Carver bought of you does all that it was claimed to do, and more than we expected when we ordered it. It does its work well.

It brings us more work than all the rest of our machinery there being no other like it in this part of the country.

Very respectfully yours,

ST. CLOUD NOVELTY WORKS.

The Machine works Splendidly.

Knoxville, Tenn., August 28, 1875.

Battle Creek Machinery Co.

GENTLEMEN—Please make and send us by express as soon as possible three cutters, as follows. * * *

The machine works splendidly.

Respectfully yours,

HOWES & CO.

Cutters are Highly Satisfactory.

Beaver Falls, Pa., April 27, 1876.

Battle Creek Machinery Co.

GENTLEMEN—We received cutter and collar in due time; they are highly satisfactory for which please accept our thanks.

Shall want others and will order from you.

Very respectfully yours,

W. G. ALGEO & SON.

For Range of Work it is Unsurpassed.

Whitesboro, N. Y., Aug. 29, 1873.

Messrs. Burnham & Hyde:

GENTLEMEN—We take pleasure in saying that your Boulton's Patent Carving, Paneling, Moulding and Dovetailing Machine gives entire satisfaction. It has been in constant use in one of its several capacities since last December. For range of work it is unsurpassed, doing carving in numerous styles, and variety moulding of any kind, paneling in any shape desired, and making a strong and handsome dovetail. The rapidity, great variety and good quality of its work, at once make it a favorite machine. Your solid steel cutters have been used by us with equal satisfaction. Their durability is recommendation enough to insure their popularity. Hoping your machine may continue to receive the favor it so well merits, we are,

Very truly yours,

SUTTON & QUIGLEY.

It Works Entirely to My Satisfaction.

Milwaukee, Wis., May 27, 1876.

Battle Creek Machinery Co.

GENTLEMEN—Inclosed please find remittance for cutter. I am using your Boulton's Patent Carver right along, and it works entirely to my satisfaction.

Respectfully yours,

WILLIAM WILLER.

The Cutters Prove All Right.

Leavenworth, Kan., May 13, 1876.

Battle Creek Machinery Co.

GENTLEMEN—The Cutters came to hand, and prove all right. Inclosed find P. O. Order for 17.00 in payment of bill.

Very truly yours,

J. R. DILWORTH & CO.

The Machine is my Pet Over All Others.

Whitestown, Oneida Co., N. Y., June 6, 1876.

Battle Creek Machinery Co.

GENTLEMEN—For two and a half years past I have been running the Boulton's Carver and Dovetailer, and thought I would let you know how it works. I have done a considerable paneling and a great deal of moulding on it. During the last year I dovetailed over three thousand drawers on it of all sizes. On the 26th of May last I made this record which I think is good and which I would like to see beaten; viz:—

24 walnut drawers, 38x8 1/4	24 walnut drawers, 8x6 3/8.
12 " " 38x4	12 " " 25 1/4 x 4 3/8.
24 ash " 38x8 1/4	24 ash " 8x6 3/8.
12 " " 38x4 3/8	—132 drawers in ten hours.—

dovetailing fronts and backs in the regular manner. The machine is my pet over all others that I run.

Please send me your latest pamphlet and oblige,

Yours truly,

EDW. B. FRENCH.

It has Saved Both Labor and Money to the Government.

Navy Yard, New York, June 7, 1876.

Battle Creek Machinery Co.

GENTLEMEN—It gives me sincere pleasure to be able to testify favorably to the merits of Boulton's Patent Moulding, Paneling and Dovetailing machine.

We have had one of them in our Joiner's shop some three years, and in our opinion it has saved both labor and money to the government.

Very respectfully,

J. FEASTER.

Ass't Naval Constructor, U. S. N.

We find your Machine Superior to any we have ever used.

Philadelphia, Pa., Feb., 18, 1876.

Battle Creek Machinery Co.

GENTS—We take much pleasure in testifying to the qualities of your Boults-Moulding, Paneling and Dovetailing Machine, which we have used in the construction of work in all lines of Fine Furniture and house decorations, and for economy, simplicity and usefulness we find the machine superior to any we have ever used.

Very truly,
SMITH & CAMPION.

Inexperienced Men have No Trouble in using It

*Department of Public Works.
Ottawa, Ont. Feb., 24, 1876.*

Battle Creek Machinery Co.

DEAR SIRS—Regarding the Carver and Moulder purchased a year ago. I have much pleasure in stating that it gives great satisfaction, and although placed in a shop among inexperienced men at first, we have never had any repairing to do nor had any trouble with it. The solid steel Cutters perform their work very well.

Yours truly,
JNO. R. ARNOLDI
Mechanical Engineer.

The Best Investment We Ever Made.

Dayton, Ohio, April 20, 1876.

Battle Creek Machinery Co.

GENTS—We can say that we consider the purchase of Boults Carver the best investment that we ever made, as it has more than paid for itself. Your solid steel Cutters are all that could be desired.

Yours truly,
G. LAUTENSCHLAGER & CO.

Very much pleased with the Machine and Cutters.

Tell City, Ind., March 25, 1876.

Battle Creek Machinery Co.

GENTLEMEN—It closed please find money order, \$15.13 for bill of 15th inst. We are very much pleased with the machine and with the cutters. You can use our name in recommendation if you wish to do so.

Very respectfully yours,
TELL CITY FUR. CO.

Well Pleased with the Machine.

Richmond, Ind., Feb. 14, 1876.

Battle Creek Machinery Co.

GENTS—Yours of the 11th received. We are much pleased with the machine, and are perfectly satisfied with it.

Yours etc.,
EZRA SMITH & CO.,
Manufacturing Association.

Does its work to our entire satisfaction.

Cincinnati, Ohio, Feb. 17, 1876.

Battle Creek Machinery Co.

DEAR SIR—The Boults Patent Moulding, Carving and Paneling Machine we purchased from you in June 1875, does its work to our entire satisfaction and we are pleased to bear testimony to its usefulness and efficiency.

Very Respectfully,
J. F. MEADER,
Treas. Meader Fur. Co.

We would not be without it for many times its cost.

Dubuque, Iowa, April 26, 1876.

Battle Creek Machinery Co.

GENTS—We very cheerfully give our testimony as to the Boults Patent Moulding, Carving, Paneling and Dovetailing Machine. It answers every purpose which your circular said it would. It works perfectly and gives entire satisfaction in all respects. We would not be without it for many times its cost, as it is a great labor-saving machine. We hope you will sell a great many.

Yours truly,
SADLER, WAGNER & CO.

Would not like to do without it.

Louisville, Ky. March 10, 1876.

Battle Creek Machinery Co.

GENTLEMEN—We are using one of your Boults Carving, Moulding and Dovetailing Machines, and are greatly pleased with it. Would not like to do without it. It is all you claim for it, and it is to be highly recommended.

Very respectfully,
HARIG, KOOP & CO.

One of the most useful Machines in my Factory.

Cincinnati, Ohio, Feb. 17, 1876.

Battle Creek Machinery Co.

DEAR SIRS—In reply to your inquiry of the 11th inst. I have to say that the Boults Carver gives the most complete satisfaction. The one I have has been in constant use, and I consider it to be one of the most useful machines in my Factory.

Very respectfully yours,
H. B. MUDGE.

Has never been out of Repair since we had it.

Lebanon, Pa., April 26, 1876.

Battle Creek Machinery Co.

GENTS—The Boults Carving, and Moulding Machine you sent us in July 1874, has been used ever since and has given unqualified satisfaction, being very firm and thoroughly constructed, it has never been out of repair since we had it. Altogether, to make a long story short, we know of no machine of its class which we would take in exchange for it.

Yours very truly,
MILLER & CO.

Perfect Satisfaction in Every Respect.

Sing Sing, N. Y., April 26, 1876.

Battle Creek Machinery Co.

GENTLEMEN—In reply to your favor of 24th inst. asking opinion of the merits of Boults Carver and your solid steel cutters. I would say that during nearly two years that we have had them in operation they have given perfect satisfaction in every respect.

Yours respectfully,
CHAS. H. WOODRUFF.

Most Ingenious and Useful.

Rockford, Ill., April 16, 1876.

Battle Creek Machinery Co.

GENTLEMEN—Your Boults Machine is the most ingenious and useful one for wood working we ever saw. We admire it.

Very truly yours,
FOREST CITY FUR CO.
Per Chas. H. Keith, Sec. and Treas.

Less Dangerous than other Machines.

Knoxville, Tenn., April 27, 1876.

Battle Creek Machinery Co.

GENTLEMEN—We take great pleasure in stating that we have found the machine purchased from you to do the work, such as edge moulding and surface paneling, (the only kinds of work we have had occasion to do,) much better than any machine we have heretofore used for the same kind of work. We regard the solid steel Cutters infinitely superior to ordinary cutters, doing the work much smoother, and much less dangerous to the operator.

Yours truly,

RISTINE & MAY.

"If we had n't one should purchase one at once."

Connersville, Ind., Feb. 14, 1876.

Battle Creek Machinery Co.

GENTLEMEN—The machine you sold us has been in use four months, only for Paneling & Moulding. It gives entire satisfaction. If we had n't one, should purchase at once.

Yours,

WM NEWKIRK,

Pres. Indiana Furniture Man'g Co.

OUR MANUFACTURES.

From the Battle Creek Journal, Sept. 10, 1874.

We visited the shops of the Battle Creek Machinery Company yesterday, and found them all humming. A full force of hands is at work, and indeed the company have kept moving steadily along with about the same force all through the season. There has been a constantly increasing inquiry for the Boult machine, and the company are inspired with a well-grounded faith in its future. Its merits are already well tested, and the testimonials in its favor, from all parts of the land, are most positive and assuring. Indeed, we doubt if the inventive genius of man, with-

in the last ten years, has produced anything in the department of machinery more worthy of itself than this simple improvement of our townsman, M. T. Boult.

The machine is remarkable alike for its simplicity and for the variety, rapidity and completeness of its work. The work of change and adjustment is rapid, and consumes but little time. It adapts itself to all kinds of moulding, paneling, carving, dovetailing and inlaying, heretofore done by hand, without regard to the degree of ornamentation required. We witnessed the process by which a sample block, three inches by five, was turned out, exhibiting five varieties of work, viz: surface moulding, edge moulding, bracket moulding, dovetailing, and rosette cutting, all done in about two minutes, and each part of the work executed with a smoothness and perfection of finish which could not have been improved if a man had worked on it with hand instruments for a week. These simple blocks are sent by mail at any distance to parties who desire to test, by actual inspection, the character of the work done by the machine. Of surface carving and paneling, of variety moulding of scroll or fret work, inlaying and engraving, we saw various and beautiful patterns in the shops of the company, and it can be nothing less than a surprise to one who has known only the old method of doing this work, to see how the ingeniously contrived cutters, set in motion by a simple system of belts and pulleys, easily reversed, with counter-shaft, does it all nicely, and does it with the celerity of magic. There is nothing arrogant in claiming for this patent advantages, superior and multiplied, over any other pretending to do the same work, or only a portion of the work done by this.

The whole machine occupies a space not more than three feet by four, and weighs about 1,100 lbs. The castings are done at the furnace of the Company, which is also provided with all the facilities requisite to the complete finishing of the machine. The company holds itself in readiness to meet all orders for the machine, or for any of the parts wanting to its equipment and complete running order. Through the liberal advertising policy of the company, the merits of Boult's Machine are becoming known, far and wide, in foreign countries as well as in our own. Indeed, after seeing the Boult Machine do its work, we can, without regard to the thousand testimonials of others, fearlessly predict that it is destined to cut and carve its way through the world, on its own merits, immortalizing the name of its inventor, putting money into the pockets of its manufacturers and reflecting credit on the city where it is manufactured.

We also Refer to the Following Parties among Many Others.

Wm Knabe & Co.,	Baltimore, Md.
Warren Ward & Co.,	New York City.
S. I. Russell & Co.,	Chicago, Ill.
Beach Carriage Man'g Co.,	Ypsilanti, Mich.
Phoenix Furniture Co.,	Grand Rapids, Mich.
Grand Rapids Brush Co.,	" "
C. H. Prange & Bro.,	St Louis, Mo.
Haller & Warnecke,	Chicago, Ill.
Cabinet Makers' Union,	Indianapolis, Ind.
S. C. Frink & Co.,	" "
Higgins Bent Wood Furniture Co.,	" "
L. C. & W. L. Cron & Co.,	Piqua, Ohio.
Mills Spellmire & Co.,	Cincinnati, Ohio.
Cincinnati Coffin Co.,	" "
Simon Peters,	Quebec, Canada.
Burlington & Mo. R. R. Co.,	Burlington, Iowa
Wrampelemeier Keisker & Co.,	Louisville, Ky.
Excelsior School Fur. Co.,	Indianapolis, Ind.
L. Weigel & Co.,	Cincinnati, Ohio.
T. F. Payne & Co.,	Wabash, Ind.
Whitewater Valley Coffin Co.,	Connersville, Ind.
Worcester Organ Co.,	Worcester, Mass.
Bloomer Schulte & Reitman,	Evansville, Ind.
Armstrong Furniture Co.,	" "
C. & C. A. Neidig,	Williamsburg, N. Y.
C. J. L. Meyer,	Fond du Lac, Wis.
William Gates,	Frankfort, N. Y.
Holmes Rutherford & Co.,	Montreal, Can.

Mitchell Furniture Co.,	St. Louis, Mo.
Lehigh Valley R. R. Co.,	So. Easton, Pa.
Kimball Carriage & Car Co.,	San Francisco, Cal.
L. & E. Emanuel,	" "
J. G. Brill & Co.,	Philadelphia, Pa.
Mich. Car Co.,	Detroit, Mich.
Mo. Kansas & Texas Ry.,	Sedalia, Mo.
Evansville Furniture Co.,	Evansville, Ind.
Hotchkiss & Barbour,	Williamsport, Pa.
M Wilczynski,	Hamburg Germany.
Johnson Robb & Houck,	Charlotte, Mich.
Benj. A. Stevens,	Toledo, Ohio.
Clarke Holland & Co.,	Buffalo, N. Y.
J. H. Wait & Son,	Portsmouth, Ohio.
Steinway & Sons,	New York City.
Peoria Furniture,	Peoria, Ill.
Ill. Central R. R. Co.,	Chicago, Ill.
Zerk & Mueller Man'g Co.,	Toledo, Ohio.
Oliver Belknap & Green,	Greenville, Mich.
Florence Man'g Co.,	Florence, Mass.
Crawfordsville Coffin Co.,	Crawfordsville, Ind.
Francis & Jas Smith,	Glasgow, Scotland.
D. W. Buck,	Lansing, Mich.
Sterling School Furniture Co.,	Sterling, Ill.
Carl, Robinson & Co.,	Houston, Texas.
Albert Dailey & Co.,	Providence, R. I.
Aaron F. March,	Goshen, Ind.
Pierson & Douglass,	Oswego, Kan.



SAMPLE OF WORK DONE ON BOULT'S CARVER BY JOHN G. RILLING, SOUTH BEND, IND.

